SAMSUNG

2009-2010 GENERAL CATALOGUE
SAMSUNG VIDEO SECURITY SYSTEM

* "N" stands for NTSC. "P" stands for PAL.

PRODUCT Line Up

: CAMERA

Box & Zoom Lens

High Resolution Color Camera SCC-B1311/B1011		23P
Bullet Type Camera SCC-B9221		24P
Super High-Resolution Camera SCC-B1331/B1031		25P
Super High-Resolution Day/Night Camera SCC-B2331/B2031		26P
Super High-Resolution Day/Night Camera SCC-B2333/B2033		27P
Super High-Resolution Day/Night WDR Camera SCC-B2335/B2035		28P
Super High-Resolution Day/Night Camera SCC-B2337/B2037		29P
Super High-Resolution Day/Night Camera SCC-A2333/A2033		30P
22x Zoom Lens Camera SCC-C4201/C4301		31P
22x Zoom Day/Night Camera SCC-C4203A/C4303A		32P
22x Zoom Day/Night WDR Camera SCC-C4205/C4305		33P
32x Zoom Day/Night WDR Camera SCC-C4207/C4307		34P
High Resolution 32x Zoom Camera SCC-C4233/C4333		36P
High Resolution WDR 32x Zoom Camera SCC-C4235/C4335		37P

Box & Zoom Lens

NEW 34x Optical Zoom Lens Camera SCC-C4237		38P
NEW 34x Optical Zoom Lens Camera SCC-C4239/C4339		39P
NEW 43x Optical Zoom Lens Camera SCC-C4253/C4353		40P
NEW 43x Optical Zoom Lens Camera SCC-C4255/C4355		41P

IR

Bullet type IR LED Day/Night Camera SCC-B9270		42P
Bullet type IR LED Day/Night Camera SCC-B9371/B9372/B9373		43P
Anti-Vandal Dome IR LED Day/Night Camera SCC-B9374		44P

Dome

Anti Vandal Dome Camera SCC-931T		45P
Anti Vandal 3-Axis Day/Night, WDR Dome Camera SCC-C9302(F)		46P
Day/Night Vari-Focal Dome Camera SCC-B5342/B5344		47P
Day/Night Vari-Focal Dome Camera SCC-B5343/B5345		48P
Super High-Resolution Mini Dome Camera SCC-B5223		49P

: CAMERA

Dome

Super High-Resolution Day/Night Dome Camera SCC-B5331/B5333/B5335		50P
Super High-Resolution Day/Night Dome Camera SCC-B5366/B5368		51P
Super High-Resolution Day/Night WDR Dome Camera SCC-B5367/B5369		52P
Super High-Resolution Day/Night Anti-Vandal Dome Camera SCC-B5396/B5398		53P
Super High-Resolution WDR Anti-Vandal Dome Camera SCC-B5397/B5399		54P

SmartDome

22x Zoom SmartDome Camera SCC-641/643A		55P
32x Zoom Day/Night SmartDome Camera SCC-C6403		56P
22x Power Zoom Day/Night WDR SmartDome Camera SCC-C6405		57P
32x Zoom Day/Night WDR SmartDome Camera SCC-C6407		58P
High Resolution SmartDome Camera SCC-C6433/C6435		60P
High Resolution SmartDome Camera SCC-C7433/C7435		62P
36x Zoom SmartDome Camera SCC-C7478/C7478C		63P
10x Zoom Mini SmartDome Camera SCC-C6323/C6325/C7325		64P

SmartDome

NEW 34x Optical Zoom High Speed Dome Camera SCC-C6437/C6439		66P
NEW 34x Optical Zoom High Speed Dome Camera SCC-C7437/C7439		68P
NEW 43x Optical Zoom High Speed Dome Camera SCC-C6453/C6455		70P
NEW 43x Optical Zoom High Speed Dome Camera SCC-C7453/C7455		72P

Accessories

Indoor / Outdoor Housing SHG-120/220		74P
Outdoor Housing SHG-222		75P
Wall Mount Adaptor SADT-100WM/101WM/102WM		76P
Wall Mount Adaptor SADT-103WM/104WM		77P
Wall Mount / Celling Mount Adaptor SADT-732WM/732CM		78P
Wall Mount Adaptor SADT-937WM		79P
Ceiling Mount Adaptor SADT-100EC/101EC		80P
Hanging Mount Adaptor SADT-100HM		81P
Ceiling Mount / Corner Mount / Pole Mount Adaptor SADT-100CM/110CM/100PM		82P

PRODUCT Line Up

: CAMERA

Accessories

NEW Wall Mount / Ceiling Mount / Hanging Mount / Parapet Mount
SCX-300WM / 300CM / 300HM / 300LM | 83P

NEW Pole Mount / Corner Mount Adaptor
SCX-300PM / 300KM | 84P

NEW Dome Flush Housing
SCX-DF300W | 85P

Ceiling-Mount Bracket
SBR-100DCM | 86P

: MONITOR

LCD Monitor

NEW 17"/19" TFT-LCD Monitor
SMT-1712/1912 | 92P

17"/19" TFT-LCD Monitor
SMT-1722/1922 | 93P

17"/19" TFT-LCD Monitor
SMT-1723/1923 | 94P

32"/40" TFT-LCD Monitor
SMT-3222/4022 | 95P

Flat Color Monitor

NEW 14" Flat Color CRT Monitor
SMT-145 | 96P

21" Flat Color CRT Monitor
SMT-215 | 97P

: DVR

Standalone DVR

4Ch Standalone DVR
SHR-6040/6042 | 106P

8Ch Standalone DVR
SHR-6080/6082 | 107P

16Ch Standalone DVR
SHR-6160/6162/6163/6164 | 108P

8Ch CIF Resolution Real-time Standalone DVR
SHR-7080/7082 | 110P

16Ch CIF Resolution Real-time Standalone DVR
SHR-7160/7162 | 111P

8Ch D1 Resolution Real-time Standalone DVR
SHR-8080/8082 | 112P

16Ch D1 Resolution Real-time Standalone DVR
SHR-8160/8162 | 113P

4Ch Real-time Standalone DVR
SHR-3040 | 114P

PC base DVR

16Ch PC Based DVR
SPR-9716/9816 | 115P

Hybrid PC DVR

Hybrid PC DVR
SNR-1162 | 116P

: NETWORK

Network Camera

Dual Codec D1 Real-time Network Camera
SNC-B2315 | 126P

Dual Codec Anti-Vandal Dome Network Camera
SNC-B5395 | 128P

3 Mega-Pixel Network Camera
SNC-M300 | 130P

NEW H.264 4CIF Real-Time Network Camera
SNC-B2331 | 132P

NEW H.264 4CIF Real-Time WDR Network Camera
SNC-B2335 | 134P

NEW H.264 WDR Mini Dome Network Camera
SNC-B5368 | 136P

NEW H.264 Anti-vandal Dome Network Camera
SNC-B5399 | 138P

36x Zoom SmartDome Network Camera
SNC-C7478/C7478C | 140P

10x Zoom Mini SmartDome Network Camera
SNC-C6225/C7225 | 142P

: CONTROLLER

System Controller
SSC-1000 | 145P

TFT Color LCD Touch Screen System Keyboard
SSC-5000 | 146P

System Controller
SCX-RD100 | 147P

: EZ VIEW

EZ View : 4Ch Real-time DVR
SHR-1041K | 150P

CAMERA

Box & Zoom Lens

SCC-B1311/B1011	SCC-B2335/B2035	SCC-C4205/C4305	SCC-C4239/C4339
SCC-B9221	SCC-B2337/B2037	SCC-C4207/C4307	SCC-C4253/C4353
SCC-B1331/B1031	SCC-A2333/A2033	SCC-C4233/C4333	SCC-C4255/C4355
SCC-B2331/B2031	SCC-C4201/C4301	SCC-C4235/C4335	
SCC-B2333/B2033	SCC-C4203A/C4303A	SCC-C4237	

IR

SCC-B9270	SCC-B9371/B9372/B9373	SCC-B9374

Dome

SCC-931T	SCC-B5344/B5345	SCC-B5366/B5367	SCC-B5396/B5397
SCC-C9302(F)	SCC-B5223	SCC-B5368/B5369	SCC-B5398/B5399
SCC-B5342/B5343	SCC-B5331/B5333/B5335		

SmartDome

SCC-641/643A	SCC-C6407	SCC-C7478/C7478C	SCC-C7437/C7439
SCC-C6403	SCC-C6433/C6435	SCC-C6323/C6325/C7325	SCC-C6453/C6455
SCC-C6405	SCC-C7433/C7435	SCC-C6437/C6439	SCC-C7453/C7455

Accessories

SHG-120/220	SADT-732WM/732CM	SADT-100CM/110CM/100PM	SCX-300PM / 300KM
SHG-222	SADT-937WM	SBR-100DCM	SCX-DF300W
SADT-100WM/101WM/102WM	SADT-100EC/101EC	SCX-300WM / 300CM / 300LM / 300HM	
SADT-103WM/104WM	SADT-100HM		

CCD Camera Comparison Chart by Model

Model	Spec	Imaging Device	Total Pixels	Synchronization Method	Horizontal Resolution	Min. Scene Illumination	S/N Ratio	Lens	Power Requirment	Day & Night	WDR	Privacy Zone
SCC-B1311		1/3"	410K/470K	Int./L.L	540 TV Lines	0.4Lux	50dB	DC/Video	AC24V DC12V	No	No	No
SCC-B1011		1/3"	470K	Int./L.L	540 TV Lines	0.4Lux	50dB	DC/Video	AC220V	No	No	No
SCC-B9221		1/3"	410K	Int.	480 TV Lines	0.3Lux	48dB	f=4.9mm	DC12V	No	No	No
SCC-B1331		1/3"	410K/470K	Int./L.L	600 TV Lines	0.12Lux	52dB	DC/Video	AC24V DC12V	No	No	Zone-12
SCC-B1031		1/3"	470K	Int./L.L	600 TV Lines	0.12Lux	52dB	DC/Video	AC220V ~240V	No	No	Zone-12 (Mosaic)
SCC-B2331		1/3"	410K/470K	Int./L.L	600 TV Lines	0.0002Lux	52dB	DC/Video	AC24V DC12V	Yes	No	Zone-12 (Mosaic)
SCC-B2031		1/3"	470K	Int./L.L	600 TV Lines	0.0002Lux	52dB	DC/Video	AC220V ~240V	Yes	No	Zone-12 (Mosaic)
SCC-B2333		1/3"	410K/470K	Int./L.L	600 TV Lines	0.00002Lux	52dB	DC/Video	AC24V DC12V	Yes	No	Zone-12 (Mosaic)
SCC-B2033		1/3"	470K	Int./L.L	600 TV Lines	0.00002Lux	52dB	DC/Video	AC220V ~240V	Yes	No	Zone-12 (Mosaic)
SCC-B2335		1/3"	410K/470K	Int./L.L	600 TV Lines	0.00002Lux	52dB	DC/Video	AC24V DC12V	Yes	Yes	Zone-12 (Mosaic)
SCC-B2035		1/3"	470K	Int./L.L	600 TV Lines	0.00002Lux	52dB	DC/Video	AC220V ~240V	Yes	Yes	Zone-12 (Mosaic)
SCC-B2337		1/3"	410K/470K	Int./L.L	600 TV Lines	0.00002Lux	50dB	DC/Video	AC24V DC12V	Yes	No	Zone-12 (Mosaic)
SCC-B2037		1/3"	470K	Int./L.L	600 TV Lines	0.00002Lux	50dB	DC/Video	AC220V ~240V	Yes	No	Zone-12 (Mosaic)
SCC-A2333		1/2"	410K/470K	Int./L.L	600 TV Lines	0.0000006Lux	50dB	DC/Video	AC24V DC12V	Yes	No	Zone-12 (Mosaic)
SCC-A2033		1/2"	410K	Int./L.L	600 TV Lines	0.0000006Lux	50dB	DC/Video	AC220V ~240V	Yes	No	Zone-12 (Mosaic)
SCC-C4201		1/4"	410K/470K	Int.	480 TV Lines	0.0005Lux	52dB	22x Zoom (f=3.6~79.2mm)	DC12V	No	No	No
SCC-C4301		1/4"	410K/470K	Int./L.L	480 TV Lines	0.005Lux	52dB	22x Zoom (f=3.6~79.2mm)	AC24V DC12V	No	No	No
SCC-C4203A		1/4"	410K/470K	Int.	480 TV Lines	0.0005Lux	50dB	22x Zoom (f=3.6~79.2mm)	DC12V	Yes	No	No

CCD Camera Comparison Chart by Model

Model	Spec	Imaging Device	Total Pixels	Synchronization Method	Horizontal Resolution	Min. Scene Illumination	S/N Ratio	Lens	Power Requirment	Day & Night	WDR	Privacy Zone
SCC-C4303A		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0005Lux	50dB	22x Zoom (f=3.6~79.2mm)	AC24V DC12V	Yes	No	No
SCC-C4205		1/4"	410K/470K	Int.	480 TV Lines	0.0002Lux	50dB	22x Zoom (f=3.6~79.2mm)	DC12V	Yes	Yes	No
SCC-C4305		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0002Lux	50dB	22x Zoom (f=3.6~79.2mm)	AC24V DC12V	Yes	Yes	No
SCC-C4207		1/4"	410K/470K	Int.	480 TV Lines	0.0002Lux	50dB	32x Zoom (f=3.55~113mm)	DC12V	Yes	Yes	Zone-8 (Mosaic)
SCC-C4307		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0002Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V	Yes	Yes	Zone-8 (Mosaic)
SCC-C4233		1/4"	410K/470K	Int.	540 TV Lines	0.0002Lux	50dB	32x Zoom (f=3.55~113mm)	DC12V	Yes	No	Zone-16 (Mosaic)
SCC-C4235		1/4"	410K/470K	Int.	540 TV Lines	0.0001Lux	50dB	32x Zoom (f=3.55~113mm)	DC12V	Yes	Yes	Zone-16 (Mosaic)
SCC-C4333		1/4"	410K/470K	Int./L.L	540 TV Lines	0.0002Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V DC12V	Yes	No	Zone-16 (Mosaic)
SCC-C4335		1/4"	410K/470K	Int./L.L	540 TV Lines	0.0001Lux	50dB	32x Zoom (f=3.55~113mm)	DC12V	Yes	Yes	Zone-16 (Mosaic)
NEW SCC-C4237		1/4"	410K/470K	Int.	600 TV Lines	0.0001Lux	52dB	34x Zoom (f=3.4~115.6mm)	DC12V	Yes	No	Zone-12
NEW SCC-C4239		1/4"	410K/470K	Int.	600 TV Lines	0.0001Lux	52dB	34x Zoom (f=3.4~115.6mm)	DC12V	Yes	Yes	Zone-12
NEW SCC-C4339		1/4"	410K/470K	Int./L.L	600 TV Lines	0.0001Lux	52dB	34x Zoom (f=3.4~115.6mm)	AC24V DC12V	Yes	Yes	Zone-12
NEW SCC-C4253		1/4"	410K/470K	Int.	600 TV Lines	0.0001Lux	52dB	43x Zoom (f=3.2~138.5mm)	DC12V	Yes	No	Zone-12
NEW SCC-C4353		1/4"	410K/470K	Int./L.L	600 TV Lines	0.0001Lux	52dB	43x Zoom (f=3.2~138.5mm)	AC24V DC12V	Yes	No	Zone-12
NEW SCC-C4255		1/4"	410K/470K	Int.	600 TV Lines	0.0001Lux	52dB	43x Zoom (f=3.2~138.5mm)	DC12V	Yes	Yes	Zone-12
NEW SCC-C4355		1/4"	410K/470K	Int./L.L	600 TV Lines	0.0001Lux	52dB	43x Zoom (f=3.2~138.5mm)	AC24V DC12V	Yes	Yes	Zone-12
SCC-B9270		1/3"	320K	Int.	350 TV Lines	0Lux	48dB	f=4.3mm	DC12V	Yes	No	No
SCC-B9371		1/3"	410K/470K	Int.	540 TV Lines	0Lux	48dB	f=3.8~9.5mm	AC24V DC12V	Yes	No	No
SCC-B9372		1/3"	470K	Int.	540 TV Lines	0Lux	48dB	f=3.8~9.5mm	AC24V DC12V	Yes	No	No
SCC-B9373		1/3"	410K/470K	Int.	540 TV Lines	0Lux	48dB	f=6~50mm	AC24V DC12V	Yes	No	No
SCC-B9374		1/3"	410K/470K	Int.	540 TV Lines	0Lux	48dB	f=3.8~9.5mm	AC24V DC12V	Yes	No	No
SCC-931T		1/4"	410K/470K	Int./L.L	480 TV Lines	0.005Lux	52dB	12x Zoom (f=3.6~43.2mm)	AC24V DC12V	No	No	No
SCC-C9302(F)		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0002Lux	52dB	12x Zoom (f=3.6~43.2mm)	AC24V DC12V	Yes	Yes	Zone-8 (Solid)
SCC-B5342/B5344		1/3"	410K/470K	Int.	540 TV Lines	0.0009Lux	50dB	f=2.5~6mm/ f=2.9~10mm	AC24V DC12V	Yes	No	No
SCC-B5343		1/3"	410K/470K	Int.	540 TV Lines	0.00009Lux	50dB	f=2.5~6.0mm	AC24V DC12V	Yes	No	No
SCC-B5345		1/3"	410K/470K	Int.	540 TV Lines	0.00009Lux	50dB	f=2.9~10mm	AC24V DC12V	Yes	No	No
SCC-B5223		1/3"	410K/470K	Int.	600 TV Lines	0.075Lux	52dB	f=3.0mm	DC12V	No	No	No
SCC-B5331		1/3"	410K/470K	Int.	600 TV Lines	0.0006Lux	52dB	f=3.8mm	AC24V DC12V	Yes	No	Zone-12 (Solid)
SCC-B5333		1/3"	410K/470K	Int.	600 TV Lines	0.0006Lux	52dB	f=3.0mm	AC24V DC12V	Yes	No	Zone-12 (Solid)
SCC-B5335		1/3"	410K/470K	Int.	600 TV Lines	0.0006Lux	52dB	f=8.0mm	AC24V DC12V	Yes	No	Zone-12 (Solid)
SCC-B5366		1/3"	410K/470K	Int.	600 TV Lines	0.0002Lux	52dB	f=2.5~6mm	AC24V DC12V	Yes	No	Zone-12 (Solid)
SCC-B5367		1/3"	410K/470K	Int.	600 TV Lines	0.00002Lux	52dB	f=2.5~6mm	AC24V DC12V	Yes	Yes	Zone-12 (Solid)
SCC-B5368		1/3"	410K/470K	Int.	600 TV Lines	0.0002Lux	52dB	f=2.8~11mm	AC24V DC12V	Yes	No	Zone-12 (Solid)
SCC-B5369		1/3"	410K/470K	Int.	600 TV Lines	0.00002Lux	52dB	f=2.8~11mm	AC24V DC12V	Yes	Yes	Zone-12 (Solid)
SCC-B5396		1/3"	410K/470K	Int.	600 TV Lines	0.0002Lux	52dB	f=2.5~6mm	AC24V DC12V	Yes	No	Zone-12 (Solid)
SCC-B5398		1/3"	410K/470K	Int.	600 TV Lines	0.0002Lux	52dB	f=2.8~11mm	AC24V DC12V	Yes	No	Zone-12 (Solid)

CCD Camera Comparison Chart by Model

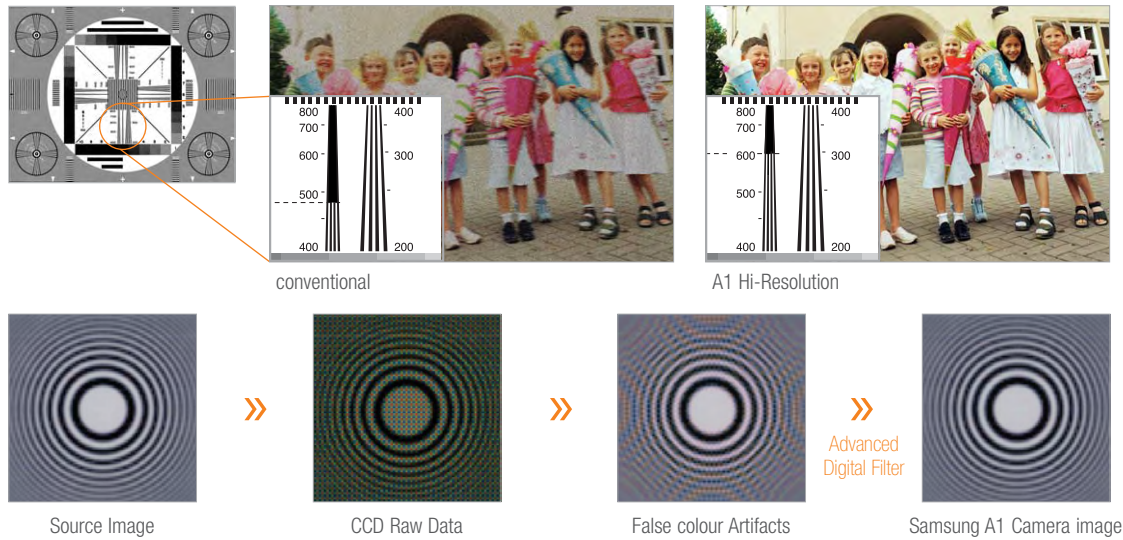| Model	Spec	Imaging Device	Total Pixels	Synchronization Method	Horizontal Resolution	Min. Scene Illumination	S/N Ratio	Lens	Power Requirment	Day & Night	WDR	Privacy Zone
SCC-B5397		1/3"	410K/470K	Int.	600 TV Lines	0.00002Lux	52dB	f=2.5~6mm	AC24V DC12V	Yes	Yes	Zone-12 (Solid)
SCC-B5399		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0002Lux	50dB	f=2.8~11mm	AC24V DC12V	Yes	Yes	Zone-12 (Solid)
SCC-641		1/4"	410K/470K	Int./L.L	480 TV Lines	0.005Lux	52dB	22x Zoom (f=3.6~79.2mm)	AC24V	No	No	No
SCC-643A		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0005Lux	52dB	22x Zoom (f=3.6~79.2mm)	AC24V	Yes	No	Zone-8 (Solid)
SCC-C6403		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0005Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V	Yes	No	No
SCC-C6405		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0002Lux	50dB	22x Zoom (f=3.6~79.2mm)	AC24V	Yes	Yes	Zone-8 (Mosaic)
SCC-C6407		1/4"	410K/470K	Int./L.L	480 TV Lines	0.0002Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V	Yes	Yes	Zone-8 (Mosaic)
SCC-C6433		1/4"	410K/470K	Int./L.L	540 TV Lines	0.0002Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V	Yes	No	Zone-16
SCC-C6435		1/4"	410K/470K	Int./L.L	540 TV Lines	0.0001Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V	Yes	Yes	Zone-16
SCC-C7433		1/4"	410K/470K	Int./L.L	540 TV Lines	0.0002Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V	Yes	No	Zone-16
SCC-C7435		1/4"	410K/470K	Int./L.L	540 TV Lines	0.0001Lux	50dB	32x Zoom (f=3.55~113mm)	AC24V	Yes	Yes	Zone-16
SCC-C7478		1/4"	410K/470K	Int./L.L	540 TV Lines	0.00066Lux	50dB	36x Zoom (f=3.4~122.4mm)	AC24V	Yes	Yes	Zone-8
SCC-C7478C		1/4"	410K/470K	Int./L.L	540 TV Lines	0.00066Lux	50dB	36x Zoom (f=3.4~122.4mm)	AC24V	Yes	Yes	Zone-8
SCC-C6323		1/4"	410K/470K	Int./L.L	520 TV Lines	0.00047Lux	50dB	10x Zoom (f=3.8~38mm)	AC24V DC12V	Yes	No	Zone-4
SCC-C6325		1/4"	410K/470K	Int./L.L	520 TV Lines	0.00047Lux	50dB	10x Zoom (f=3.8~38mm)	AC24V DC12V	Yes	No	Zone-4
SCC-C7325		1/4"	410K/470K	Int./L.L	520 TV Lines	0.00047Lux	50dB	10x Zoom (f=3.8~38mm)	AC24V DC12V	Yes	No	Zone-4
NEW SCC-C6437		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	34x Zoom (f=3.4~115.6mm)	AC24V	Yes	No	Zone-12
NEW SCC-C6439		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	34x Zoom (f=3.4~115.6mm)	AC24V	Yes	Yes	Zone-12

Model	Spec	Imaging Device	Total Pixels	Synchronization Method	Horizontal Resolution	Min. Scene Illumination	S/N Ratio	Lens	Power Requirment	Day & Night	WDR	Privacy Zone
NEW SCC-C7437		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	34x Zoom (f=3.4~115.6mm)	AC24V	Yes	No	Zone-12
NEW SCC-C7439		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	34x Zoom (f=3.4~115.6mm)	AC24V	Yes	Yes	Zone-12
NEW SCC-C6453		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	43x Zoom (f=3.2~138.5mm)	AC24V	Yes	No	Zone-12
NEW SCC-C6455		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	43x Zoom (f=3.2~138.5mm)	AC24V	Yes	Yes	Zone-12
NEW SCC-C7453		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	43x Zoom (f=3.2~138.5mm)	AC24V	Yes	No	Zone-12
NEW SCC-C7455		1/4"	410K/470K	Int./L.L	600 TV Lines	0.00007Lux	52dB	43x Zoom (f=3.2~138.5mm)	AC24V	Yes	Yes	Zone-12

A1 Camera Terms & Features

Super High-Resolution

A1 camera technology eliminates false colour artifacts (Moire) by utilising a special optical low pass filter and is able to resolve a horizontal resolution of 600 TV lines, by means of 12 Bit A/D serial signal processing coupled with image element enhancement technology. Additionally, the implementation of a 3 line processing algorithm to prevent noise under low illumination applications, directional adaptive filtering and adjustment of aperture gain by luminance level combine to provide a more vivid and clearer image.

conventional   A1 Hi-Resolution

Source Image   CCD Raw Data   False colour Artifacts   Samsung A1 Camera image

Advanced Digital Filter

Virtual Progressive Scan (VPS)

A1 camera models featuring WDR functions generate images using Double Scan CCD technology and these cameras provide VPS (Virtual Progressive Scan) operation which can utilise either Interlace or Progressive scanning methods. This VPS is unique to Samsung and ensures the edges of moving objects are clearly defined. Applications for Samsung cameras utilising this technology include highway and ANPR projects. When used with LCD monitors offering progressive scan operation, Samsung VPS produces visibly superior images to non-VPS cameras. The problems of the blurred edges resulting from delays in even/odd field image scanning, are eliminated when VPS technology is used with a network product (encoder).

Interlace Transmission (Delayed edge)   VPS Transmission (Clear edge)

Motion Adaptive DNR

The A1 DNR (Digital Noise Reduction) function eliminates noise thus generating a distinct and clear image. A1 technology utilises both an adaptive 2D filter reducing noise in the brightness of the image and an adaptive 3D Filter reducing noise caused by movement. These filters are combined with DNIe technology which is applied to Samsung CCTV monitors. The result is that A1 camera series support Motion Adaptive DNR function that removes noise (Fixed Pattern, Random, etc.) and greatly reduces motion blur.

DNR OFF   DNR ON

eXtended Dynamic Range (XDR)

Under strongly backlit or high contrast scenes, cameras generally produce images which reproduce detail in the brighter area of the scene.(fig1) Consequently, detail is often lost in the darker areas of the scene. Samsung A1 cameras provide XDR technology to increase the level of visible detail in the dark areas, whilst maintaining image clarity and detail in the brighter portions of the image. (fig2)

Fig 1 – XDR OFF   Fig 2 – XDR ON

Correction in Dark
Correction in Bright

Intelligent Video Content Analysis

The Samsung A1 series of cameras, also provide built-in capability for video content analysis. Operational modes include:

• Fixed : Senses objects that appear and remain in a scene for longer than a pre-determined period of time.
• Moved : Detects objects removed from a scene
• Fence : Provides virtual electronic area [Area mode] and directional line [Line mode] and generates an alarm in the event of a breach of the area or a cross of the directional line.
• Tracking : Tracks an object through a scene and generates an alarm in the event of abnormal directional changes.

Camera Terms & Features

Camera Control Via Coaxial cable

The Samsung A1 series cameras offer CCVC (Camera Control Via Coaxial cable) via the video coaxial cable. This function provides access to the camera settings menu without connecting the any other control lines to the camera. This technology allows for camera set up (with the exception of lens focus) to be performed remotely, thus simplifying the installation process and offering remote adjustment in real time.

Video Signal   Video Signal

Control Signal

A1 Cameras

Controller(SCX-RD100)
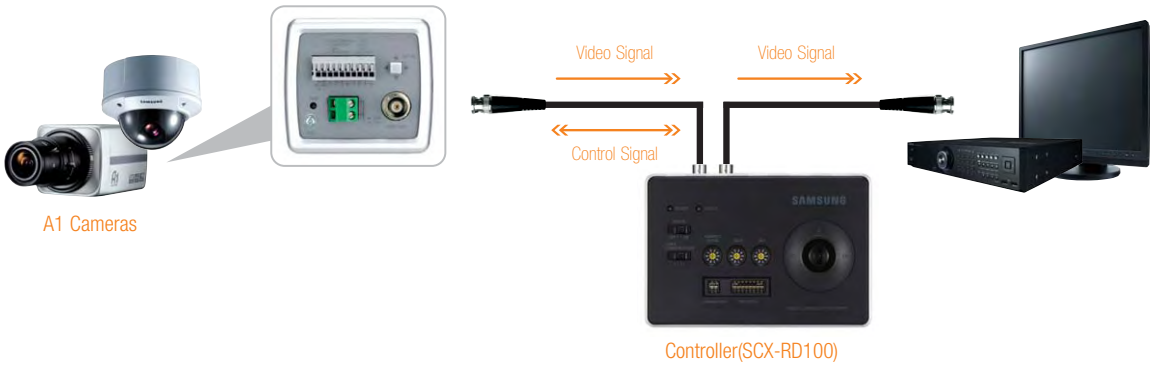
Full Auto Focus Function

Cameras that adopted full auto focus function provide clear images every time.

Conventional   Auto Focus ON
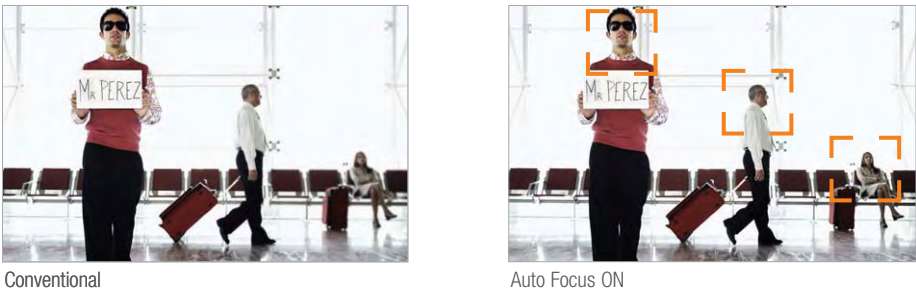
Auto white balance

Through the perfect Auto/Manual white balance function, these cameras ensure accurate representation of colors under any environment without producing a picture that is either more red or blue.

Conventional   Auto white balance ON

360° Endless, Lighting & Smooth Speed Vector Driving
(Pan/Tilt moving simultaneously)

The camera supports 360° endless Pan and 180° Tilt functions at a very high speed (max 360°/sec). Due to the micro-stepping technology, one step angle is divided by 256. This allows high accuracy as well as ultra low noise levels (under 60dB). Micro-stepping technology also enables ultra low speeds down to 0.05°/sec for high zooming operations. Using vector drive technology, Pan/Tilt motion is done simultaneously.

360° Endless Pan

180° Tilting

DIS (Digital Image Stabilization)

This feature reduce the blurring effect that occurs when either the camera or the subject is in motion during image capture, providing a sharp images

DIS OFF   DIS ON

ELC (Electronic Level Control)

Cameras with ELC function can use the manual iris lens economically by automatically operate the shutter speed. By adopting ELC, output level of cameras can be stable under any luminance level. This mechanism is designed to accommodate any C/CS lens mount adapter.

Auto Iris   ELC

Light   CCD   Appropriate amount of the lights

Adjusting the lights
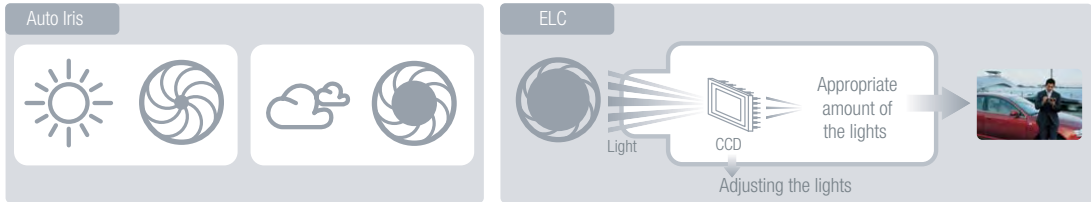
Camera Terms & Features

Privacy Zone

A "privacy zone" can be set if you desire to block viewing of specific areas in the picture.

Privacy zone OFF

Privacy zone ON

WDR (Wide Dynamic Range)

WDR, much more sophisticatly improved Version of BLC, shows two files in one complex image, by utilizing high shutter speed in bright areas and low speed shutter in dark areas. When the camera detects an obvious difference in luminance, rather than showing the whole viewing area at one luminance level, it increases the range of the luminance so that there is no noticeable difference.

WDR OFF

WDR ON

Motion Detection

After a specific area has been selected for monitoring, if movement is detected in that area, the camera will trigger the alarm. When an external alarm device is attached to the camera, user should pay attention to the screen for the alarm triggering. This function is useful if user must monitor multiple screens at the same time.

Motion Detection OFF

Motion Detection ON

Day / Night

The Day & Night automatically switches to color mode during the day and to B/W mode during the night depending on the level of illumination which makes it ideally suitable for 24 hours-a-day surveillance. When in B/W mode the light sensitivity is enhanced.

Day

Night

DNR (Digital Noise Reduction)

The digital noise reduction (DNR) removes the video noise that occurs in video signals, particularly when Automatic Gain Control is used in low light conditions. Since the Digital Noise Reduction is performed by using the cameras memory, when an object moves, the image can be blurred. However, the Digital Noise Reduction of the camera uses a special Samsung computer code to remove video noise and color noise, regardless of the motion of an object providing a clear image.
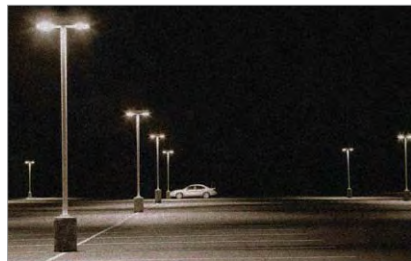
DNR OFF
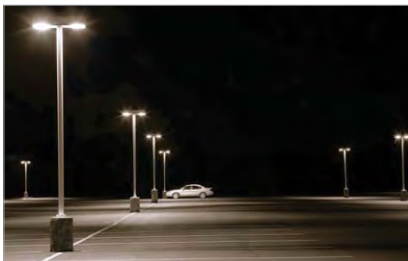
DNR ON

Illumination

By controlling the speed of exposure entering into each picture area, an object can be detected in even low illumination. Samsung Camera utilize highly light sensitive CCDs and maximize performance through the use of Digital Signal Processor.

Conventional Camera

Samsung Camera

Camera Terms & Features

IP-66 (Cold Resistant, Water/Dust Resistant)

IP refers to Ingress Protection ratings specifying the environmental protection the enclosure provides. The IP-66 compliant rating provides the highest level of weather and vandal resistance. Usual operating temperature of IP-66 camera is -45°C~50°C.

Water Resistant

Cold Resistant

3-axis Dome Design

Samsung 3-axis dome camera can be easily installed in the restricted environment of a wall or inclined surface, while most existing surveillance cameras are difficult to install in these circumstances, thanks to the turning lens able to move freely 355° left/right and 90° up/down.

Wall

Ceiling

Inclined Surface

Anti Vandal

The cameras with the feature of Anti Vandal, are equipped with a special structure that protects against willful external shocks, water and dust.

Shock-resistant

Time & Day Schedule

The camera feature a clock setting function with RTC (Real Time Clock). Using this function, you can monitor each area on a Time & Day schedule.

SCHEDULE SETUP

MASTER ENABLE			ON	
DAY	TIME	ACT	NO	ON
→ 1 MON	01:20	HOM		ON
2 WED	07:35	PRS	12	ON
3 THU	11:40	SCN	3	ON
4 SAT	15:17	PTN	1	ON
5 WKD	23:00	HOM		ON
6 UNDEFINED				
7 UNDEFINED				
BACK				

(auto play set depends on time and day)

Camera monitoring direction

SUN 09:00~12:00 AM

MON 12:00~15:00 PM

Multi-Protocol

This camera adopts the multi protocol function and can be controlled by the other company's remote controller. The protocol type is set by the hardware (dip switch).

Connector to the dome camera

Protocol DIP
RS-485 PTZ
AUDIO (IP Version)
ALARM

Protocol
0X00 : Auto Protocol
0X01 : Pelco-D
0X02 : Pelco-P
0X03 : SAMSUNG

Buad Rate
0X00 : 2400
0X01 : 4800
0X02 : 9600
0X03 : 19200
0X04 : 38400

RS-485 Terminate

RS-485 / RS-422

Remote Controller

Camera Terms & Features

Lens Selection

When using an auto iris lens, The lens selection switch next to the camera should be set according to the type of auto iris lens. Select 'DC' if the installed lens is a DC-control type, and select 'VIDEO' if it is a video-control type. Adjust the illumination level with the DC-IRIS VR at the back of the camera when DC-type is selected, or adjust the Illumination level by using the level VR on the lens when video-type is selected.

* When using an AI lens, turn off the ELC switch at the back of the camera.
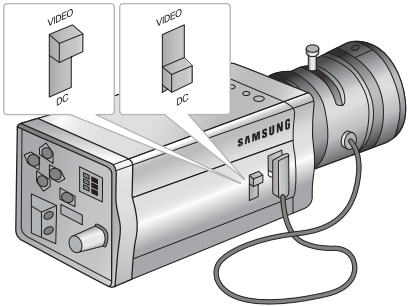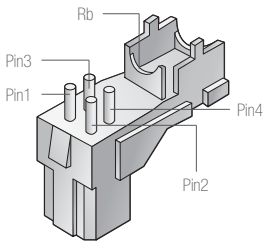
Pin no.	DC Control Type	VIDEO Control Type
1	Damp (-)	Power (+12V)
2	Damp (+)	N/A
3	Drive (-)	VIDEO Signal
4	Drive (+)	GROUND

When using a manual iris lens, Open the lens iris completely and turn on the ELC function at the back of the camera.

Camera Back Focus Adjustment

The back focus of the camera is set when the product is shipped from the factory. However, the back focus can be adjusted in the following manner if the focus is not properly set.
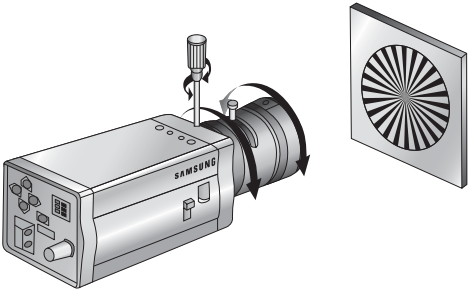
For Standard Lens (non-Zoom)

1. The lens should be able to clearly recognize high-definition images such as an object with cross stripes from a distance of 10 meters when the focus ring of the lens is set to infinity(∞).
2. Adjust the focus by turning the control ring of the flange back until the object can be seen clearly under the circumstances described above.
3. Fasten the screw of flange back control ring.

For Zoom Lens

1. Place a high-definition image 3-5m apart from the camera and then turn the focus of the lens as far as possible in the TELE (zoom in) direction so that the image can be seen vividly as possible.
2. Turn the lens zoom as far as possible in the WIDE direction, turning the flange back control ring of the camera so that the object can be seen most vividly.
3. Adjust so that the focus from the TELE side can be vividly matched with the focus from the WIDE side by repeating above steps 1 and 2 2~3 times.
4. Fasten the screw of the flange back control ring. The control can be set more accurately if the focus can be adjusted by attaching dark color paper or ND filter to the front lens.

	Flange Back Focusing Distance
C Mount	17.526mm
CS Mount	12.5mm

Features

- 1/3" SONY 410K/470K pixels Super-HAD IT CCD
- High resolution : 540 TV lines
- Min. scene illumination : 0.4 Lux (F1.2, 50IRE), 0.24 Lux (F1.2, 30IRE), 0.12 Lux (F1.2, 15IRE)
- Internal/line lock (phase control) function
- Auto level control (DC type only)
- Electronic level control (manual lens)
- Back light compensation (On/Off)
- Auto white balance (ATW/AWC)
- Flickerless function
- C/CS mount compatible
- SCC-B1311 : DC12V & AC24V 60Hz (50Hz)
  SCC-B1011 : AC220V (50Hz)
- SCC-B1311 : 60.5(W) x 59.5(H) x 77(D) mm
  SCC-B1011 : 60.5(W) x 59.5(H) x 125.2(D) mm

Specifications

Model		SCC-B1311N	SCC-B1011P/B1311P
Camera Type	Color/BW	Color	
Image	Device	1/3" Super-HAD IT CCD	
	Effective Pixels	768 x 494	752 x 582
Horizontal Resolution		540 TV Lines	
Min. Scene Illumination		0.4 Lux (F1.2, 50 IRE), 0.24 Lux (F1.2, 30 IRE), 0.12 Lux(F1.2, 15 IRE)	
Functions	Line Lock	On/Off	
	White Balance	ATW/AWC	
	ELC	On/Off(ALC)	
	BLC	On/Off	
Video Output		VBS 1.0Vp-p	
S/N Ratio		50 dB	
Lens	Mount	C/CS Compatible	
	Lens Drive Type	ALC(DC only)/ELC	
Operating Temperature		-10℃ ~ + 50℃	
Operating Humidity		Less than 90%	
Power Requirement		SCC-B1311 : AC24V & DC12V / SCC-B1011 : AC220V	
Power Consumption		SCC-B1311 : 3W / SCC-B1011 : 3.5W	
Physical Specification	Dimensions	SCC-B1311 : 68(W) x 55(H) x 77.6(D)mm	
		SCC-B1011 : 68(W) x 55(H) x 136.3(D)mm	
	Weight	SCC-B1311 : 216g / SCC-B1011 : 446g	

Dimensions (unit:mm)

SCC-B1311

68
65
72.6
55
7.6
63.5
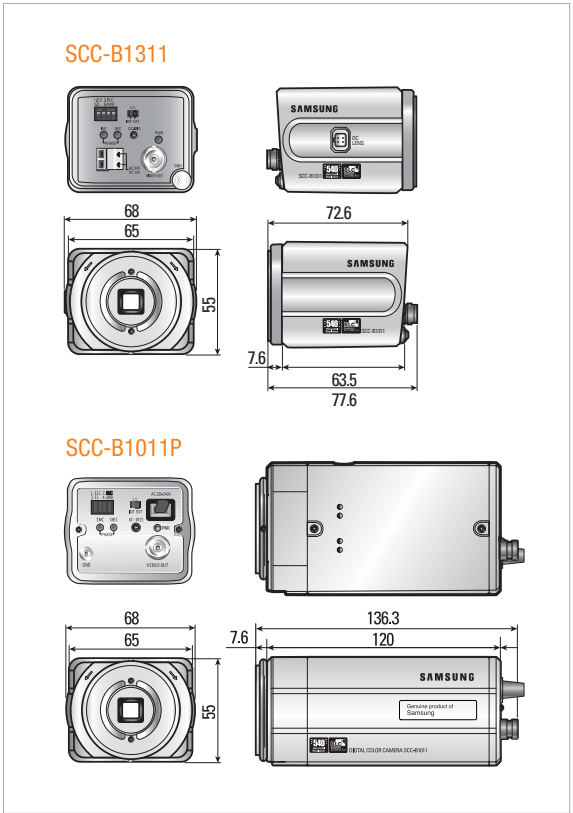77.6

SCC-B1011P

68
65
7.6
136.3
120
55

Bullet Type Camera
SCC-B9221

Features
- 1/3" 410K Pixels Super HAD IT CCD
- High resolution : 480 TV lines
- Min. scene illumination : 0.3 Lux (F1.2)
- 4~9mm vari-focal fixed iris lens built-in F1.5
- Externally adjustable focal length & focus by ring
- Back light compensation
- Back, top and bottom side bracket mounting available
- Water resistant (IP66)

Dimensions (unit:mm)

Specifications

Model		SCC-B9221
Image	Device	1/3" Super-HAD IT CCD
	Effective Pixels	768(H) x 494(V)
Scanning Method		Interlace
Scanning Line	Horizontal	15.734Hz
Frequency	Vertical	60Hz
Synchronization Method		Internal
Horizontal Resolution		480 TV Lines
Signal Output		VBS 1.0Vp-p
S/N Ratio		48dB
Min. Scene Illumination	Color	0.3Lux
Lens	Focal Length	4 ~ 9 mm
	Aperture Ratio	F1.5
	Viewing Angle	Tele	31.5˚(H) x 23.6˚(V)
		Wide	68.1˚(H) x 50.5˚(V)
Functions	BLC	On
	AGC	Auto
	ELC	On
	White Balance	ATW
Operating Temperature		-10˚C ~ +50˚C
Operating Humidity		Less than 90%
Power Requirment		DC 12V ±10%
Power Consumption		1.7W
Weight		705g
Dimensions		44(ø) x 116(L)mm
Color		Gray
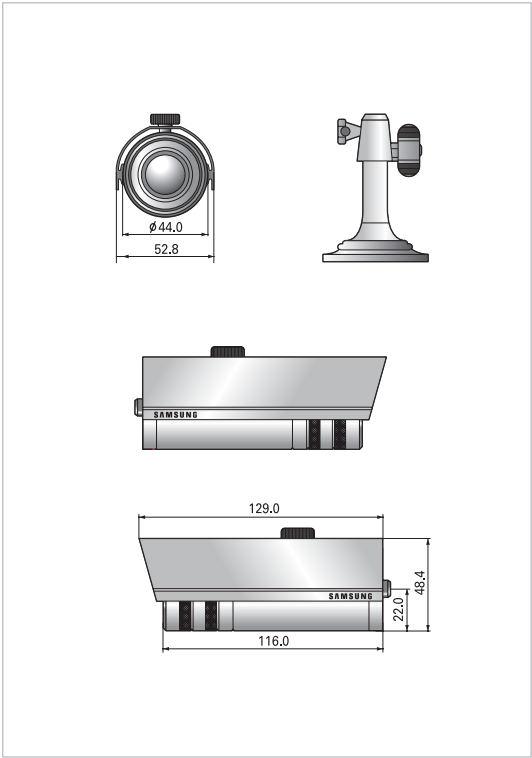
Super High-Resolution Camera
SCC-B1331/B1031

Features
- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- High Resolution : 600 TV Lines
- Min. illumination 0.12Lux (F1.2, 15 IRE)
- Internal/Linelock (Phase Control) Function
- ALC(Video/DC) / ELC
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- High Shutter Speed Control by External Trigger
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller: SCX-RD100)
- Multi-Language OSD support
- C/CS Lens Mount Compatible
- SCC-B1331: DC12V & AC24V 60Hz(50Hz)
  SCC-B1031: AC220V(50Hz)

Dimensions (unit:mm)

SCC-B1331

SCC-B1031

Specifications

Model			SCC-B1331N	SCC-B1031P/B1331P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal Frequency	Internal Mode	15,734 Hz	15,625 Hz
		Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical Frequency	Internal Mode	59.94 Hz	50 Hz
		Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Sens-up off		0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Motion Detection		Off/On	
	D-Zoom		1x ~ 16x (0.1x STEP)	
	High Speed Shutter		1/60~1/10Ksec(OSD/External Control)	1/50~1/10Ksec(OSD/External Control)
	BLC		Off/On	
	AGC		Off/On	
	ELC		Off/On (~ 1/200Ksec)	
	Line Lock		Off/On (Phase Control)	
	Camera ID		Off/On (Max.54ea/2Lines)	
	White Balance		ATW1/ATW2/AWC/3200K/5600K	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	PIP		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output			VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		52dB	
Lens	Lens Drive Type / Mount Type		MANUAL/AI(VIDEO/DC) / CS/C	
OSD			Yes	
Alarm	Output		1 ea	
Remote Control	CCVC		Yes (with SCX-RD100)	
Environmental Conditions	Operating Temperature		Absolute : -20˚C ~ +60˚C / Sustained : -10˚C ~ +50˚C	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	
	Power Consumption		2.3 W	
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		64 x 58 x 109.2 mm	SCC-B1331P : 64x58x109.2 mm
				SCC-B1031P : 64x58x129.2 mm
	Weight		305 g	SCC-B1331P : 305 g
				SCC-B1031P : 395 g
	Color	Body	Siver	

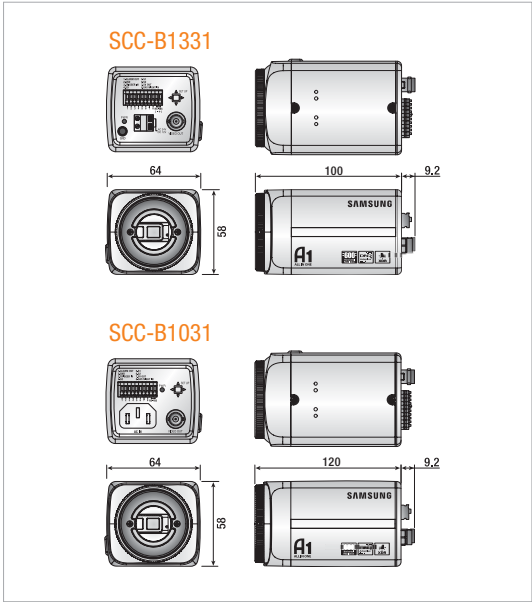## Super High-Resolution DayNight Camera
SCC-B2331/B2031

Features
- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- High Resolution : 600 TV Lines
- Min. illumination 0.0002Lux (F1.2, 15 IRE, Sens-Up 512x)
- Internal/Linelock (Phase Control) Function
- ALC(Video/DC)/ELC
- Day/Night Function (Soft), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- High Shutter Speed Control by External Trigger
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- Multi-Language OSD support
- C/CS Lens Mount Compatible
- SCC-B2331 : DC12V & AC24V 60Hz(50Hz)
  SCC-B2031 : AC220V(50Hz)

Dimensions (unit:mm)

SCC-B2331

64   100   9.2   58

SCC-B2031

64   120   9.2   58
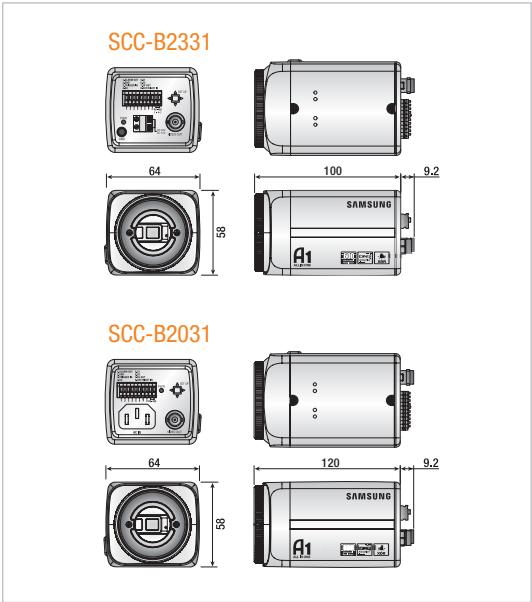
Specifications

Model			SCC-B2331N	SCC-B2031P/B2331P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Sens-up off		0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE)@F1.2	
	Sens-up		0.0002Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Day/Night/AUTO(Soft)	
	Motion Detection		Off/On	
	D-Zoom		1x ~ 16x (0.1x STEP)	
	High Speed Shutter		1/60~1/10Ksec(OSD/External Control)	1/50~1/10Ksec(OSD/External Control)
	Sens Up		2x ~ 512x	
	BLC		Off/On	
	AGC		Off/On	
	ELC		Off/On (~1/200Ksec)	
	Line Lock		Off/On (Phase Control)	
	Camera ID		Off/On (Max.54ea / 2Lines)	
	White Balance		ATW1/ATW2/AWC/3200K/5600K	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	PIP		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output			VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		52 dB	
Lens	Lens Drive Type		MANUAL/AI(VIDEO/DC)	
	Mount Type		CS/C	
OSD			Yes	
Alarm	Output		1 ea	
Remote Control	CCVC		Yes (with SCX-RD100)	
Environmental Conditions	Operating Temperature		Absolute : -20℃ ~ +60℃ / Sustained : -10℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	SCC-B2331P:24 VAC ±10%/12 VDC ±10%
				SCC-B2031P:AC220V~240V (50Hz±0.3Hz)
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		64 x 58 x 109.2 mm	SCC-B2331P : 64 x 58 x 109.2 mm
				SCC-B2031P : 64 x 58 x 129.2 mm
	Weight		305 g	SCC-B2331P:305g / SCC-B2031P:395g
	Color	Body	Siver	

## Super High-Resolution DayNight Camera
SCC-B2333/B2033

Features
- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- High Resolution : 600 TV Lines
- Min. illumination
  0.0002Lux (F1.2, 15 IRE, Sens-Up 512x, Color)
  0.00002Lux (F1.2, 15 IRE, Sens-Up 512x, B/W)
- Internal/Linelock (Phase Control) Function
- ALC(Video/DC) / ELC
- Day/Night Function (ICR), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- High Shutter Speed Control by External Trigger
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485(Half) Control (Multi-Protocol support)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- C/CS Lens Mount Compatible
- SCC-B2333 : DC12V & AC24V 60Hz(50Hz)
  SCC-B2033 : AC220V(50Hz)

Dimensions (unit:mm)

SCC-B2333

64   100   9.2   58

SCC-B2033

64   120   9.2   58
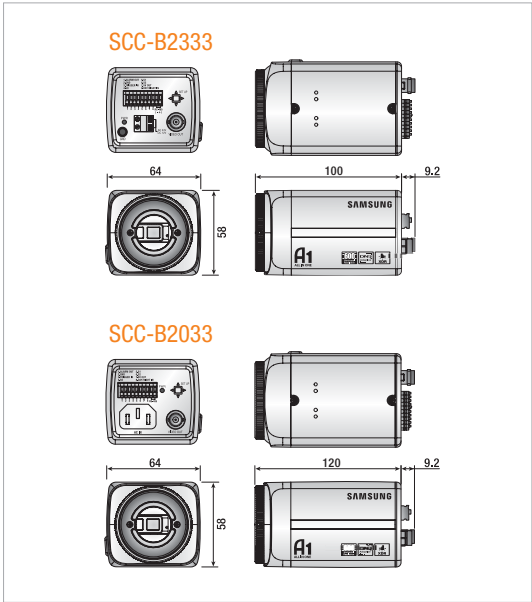
Specifications

Model			SCC-B2333N	SCC-B2033P/B2333P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up off	0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE)@F1.2	
		Sens-up	0.0002Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE)@F1.2	
	B/W	Sens-up off	0.012Lux(15IRE), 0.02Lux(30IRE), 0.04Lux(50IRE)@F1.2	
		Sens-up	0.00002Lux(15IRE), 0.00005Lux(30IRE), 0.00008Lux(50IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Day/Night/AUTO/EXT (ICR)	
	Motion Detection		Off/On	
	D-Zoom		1x ~ 16x (0.1x STEP)	
	High Speed Shutter		1/60~1/10Ksec(OSD/External Control)	1/50~1/10Ksec(OSD/External Control)
	Sens Up		2x ~ 512x	
	BLC		Off/On	
	AGC		Off/On	
	ELC		Off/On (~1/200Ksec)	
	Line Lock		Off/On (Phase Control)	
	Camera ID		Off/On (Max.54ea/2Line)	
	White Balance		ATW1/ATW2/AWC/3200K/5600K	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video		Off/On(Moved / Fixed / Fence / Area / Tracking)	
	PIP		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Neg	
Video Output			VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		52 dB	
Lens	Lens Drive Type / Mount Type		MANUAL/AI(VIDEO/DC) / CS/C	
OSD			Yes	
Alarm	Output		1 ea	
Remote Control	CCVC		Yes (with SCX-RD100)	
Environmental Conditions	Operating Temperature		Absolute : -20℃ ~ +60℃ / Sustained : -10℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	SCC-B2333P:24 VAC ±10%/12 VDC ±10%
				SCC-B2033P:AC220V~240V (50Hz±0.3Hz)
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		64 x 58 x 109.2 mm	SCC-B2333P : 64 x 58 x 109.2 mm
				SCC-B2033P : 64 x 58 x 129.2 mm
	Weight		305 g	SCC-B2333P:305g / SCC-B2033P:395g
	Color	Body	Siver	

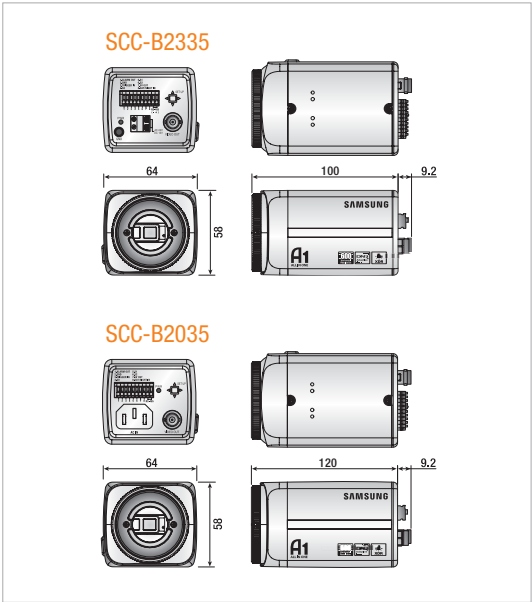# Super High-Resolution DayNight WDR Camera
SCC-B2335/B2035

Features

- 1/3" SONY 410K/470K Pixels Super-HAD PS CCD
- High Resolution : 600 TV Lines
- Min. illumination
  0.0002Lux (F1.2, 15 IRE, Sens-Up 512x, Color)
  0.00002Lux (F1.2, 15 IRE, Sens-Up 512x, B/W)
- Internal/Linelock (Phase Control) Function
- ALC(Video/DC) / ELC   • Wide Dynamic Range (WDR)
- Virtual Progressive Scan (VPS)
- Day/Night Function (ICR), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function • eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- High Shutter Speed Control by External Trigger
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller: SCX-RD100)
- RS-485(Half) Control (Multi-Protocol support)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- C/CS Lens Mount Compatible
- SCC-B2335 : DC12V & AC24V 60Hz(50Hz)
  SCC-B2035 : AC220V(50Hz)

Dimensions (unit:mm)

SCC-B2335

SCC-B2035

Specifications

Model			SCC-B2335N	SCC-B2035P/B2335P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD PS CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up off	0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE)@F1.2	
		Sens-up	0.0002Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE)@F1.2	
	B/W	Sens-up off	0.012Lux(15IRE), 0.02Lux(30IRE), 0.04Lux(50IRE)@F1.2	
		Sens-up	0.00002Lux(15IRE), 0.00005Lux(30IRE), 0.00008Lux(50IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Day/Night/AUTO/EXT (ICR)	
	Motion Detection		Off/On	
	D-Zoom		1x ~ 16x (0.1x STEP)	
	High Speed Shutter		1/60~1/10Ksec(OSD/External Control)	1/50~1/10Ksec(OSD/External Control)
	Sens Up / BLC / AGC		2x ~ 512x / Off/On / Off/On	
	ELC / Line Lock		Off/On (~ 1/200Ksec) Off/On (Phase Control)	
	Camera ID / White Balance		Off/On (Max.54ea/2Lines) / ATW1/ATW2/AWC/3200K/5600K	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video / PIP		Off/On(Moved / Fixed / Fence / Area / Tracking) / Off/On	
	Wide Dynamic Range		Off/On	
	Virtual Progressive Scan		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output			VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		52 dB	
Lens	Lens Drive Type		MANUAL/AI(VIDEO/DC)	
	Mount Type		CS/C	
OSD			Yes	
Alarm	Output		1 ea	
Remote Control	CCVC		Yes (with SCX-RD100)	
	RS485		Yes (Multi Protocol, 8ea)	
Environmental Conditions	Operating Temperature		Absolute : -20˚C ~ +60˚C / Sustained : -10˚C ~ +50˚C	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	SCC-B2335P:24 VAC ±10%/12 VDC ±10% SCC-B2035P:AC220V~240V(50Hz±0.3Hz)
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		64 x 58 x 109.2 mm	SCC-B2335P : 64 x 58 x 109.2 mm SCC-B2035P : 64 x 58 x 129.2 mm
	Weight		305 g	SCC-B2335P:305g/SCC-B2035P:395g
	Color	Body	Siver	

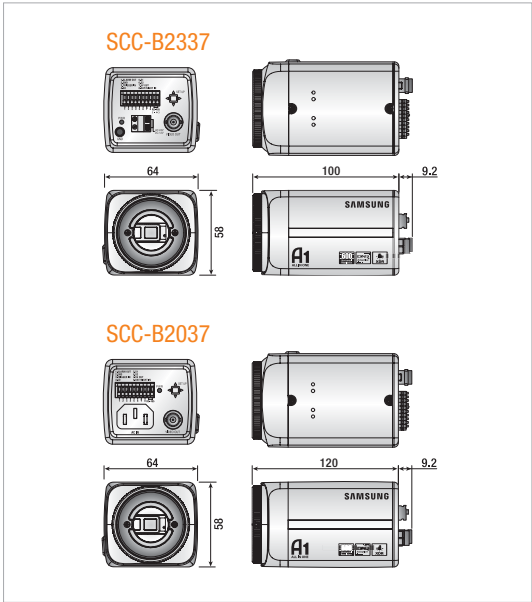# Super High-Resolution DayNight Camera
SCC-B2337/B2037

Features

- 1/3" SONY 410K/470K Pixels Ex-View HAD IT CCD
- High Resolution : 600 TV Lines
- Min. illumination
  0.0002Lux (F1.2, 15 IRE, Sens-Up 512x, Color)
  0.00002Lux (F1.2, 15 IRE, Sens-Up 512x, B/W)
- Internal/Linelock (Phase Control) Function
- ALC (Video/DC) / ELC
- Day/Night Function (ICR), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- High Shutter Speed Control by External Trigger
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485(Half) Control (Multi-Protocol support)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- C/CS Lens Mount Compatible
- SCC-B2337 : DC12V & AC24V 60Hz(50Hz)
  SCC-B2037 : AC220V(50Hz)

Dimensions (unit:mm)

SCC-B2337

SCC-B2037

Specifications

Model			SCC-B2337N	SCC-B2037P/B2337P
Camera Type	Color/BW		Color	
Image	Device		1/3" ExView-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up off	0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE)@F1.2	
		Sens-up	0.0002Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE)@F1.2	
	B/W	Sens-up off	0.012Lux(15IRE), 0.02Lux(30IRE), 0.04Lux(50IRE)@F1.2	
		Sens-up	0.00002Lux(15IRE), 0.00005Lux(30IRE), 0.00008Lux(50IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Day/Night/AUTO/EXT (ICR)	
	Motion Detection		Off/On	
	D-Zoom		1x ~ 16x (0.1x STEP)	
	High Speed Shutter		1/60~1/10Ksec(OSD/External Control)	1/50~1/10Ksec(OSD/External Control)
	Sens Up / BLC / AGC		2x ~ 512x / Off/On / Off/On	
	ELC / Line Lock		Off/On (~ 1/200Ksec) / Off/On (Phase Control)	
	Camera ID		Off/On (Max.54ea/2Line)	
	White Balance		ATW1/ATW2/AWC/3200K/5600K	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video / PIP		Off/On(Moved / Fixed / Fence / Area / Tracking) / Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Neg	
Video Output			VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		50 dB	
Lens	Lens Drive Type / Mount Type		MANUAL/AI(VIDEO/DC) / CS/C	
OSD			Yes	
Alarm	Output		1 ea	
Remote Control	CCVC		Yes (with SCX-RD100)	
	RS485		Yes (Multi Protocol, 8ea)	
Environmental Conditions	Operating Temperature		Absolute : -20˚C ~ +60˚C / Sustained : -10˚C ~ +50˚C	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	SCC-B2337P:24 VAC ±10%/12 VDC ±10% SCC-B2037P:AC220V~240V(50Hz±0.3Hz)
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		64 x 58 x 109.2 mm	SCC-B2337P : 64 x 58 x 109.2 mm SCC-B2037P : 64 x 58 x 129.2 mm
	Weight		305 g	SCC-B2337P:305g/SCC-B2037P:395g
	Color	Body	Siver	

Super High-Resolution DayNight Camera
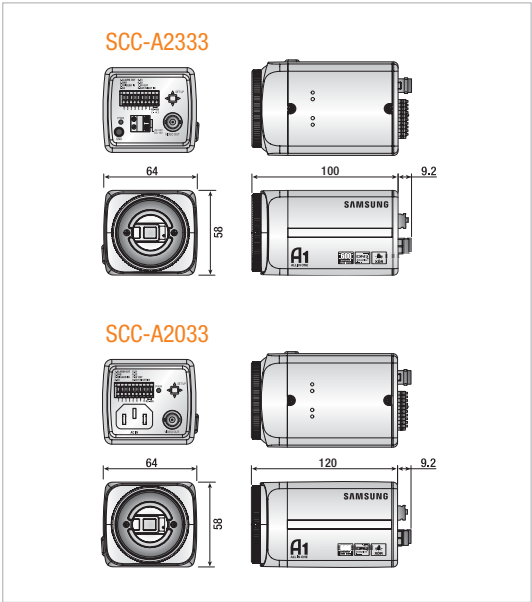# SCC-A2333/A2033

22x Zoom Lens Camera
SCC-C4201/C4301

Features

- 1/2" SONY 410K/470K Pixels Ex-View HAD IT CCD
- High Resolution : 600 TV Lines
- Min. illumination
  - 0.000006Lux (F1.2, 15 IRE, Sens-Up 512x, Color)
  - 0.0000006Lux (F1.2, 15 IRE, Sens-Up 512x, B/W)
- Internal/Linelock (Phase Control) Function
- ALC(Video/DC) / ELC
- Day/Night Function (ICR), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- High Shutter Speed Control by External Trigger
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485(Half) Control (Multi-Protocol support)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- C/CS Lens Mount Compatible
- SCC-A2333 : DC12V & AC24V 60Hz(50Hz)
  - SCC-A2033 : AC220V(50Hz)

Dimensions (unit:mm)

SCC-A2333

64 | 100 | 9.2 | 58

SCC-A2033

64 | 120 | 9.2 | 58

Specifications

| Model			SCC-A2333N	SCC-A2033P/A2333P
Camera Type	Color/BW		Color	
Image	Device		1/2" Ex-View HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up off	0.036Lux(15IRE), 0.072Lux(30IRE), 0.12Lux(50IRE)@F1.2	
		Sens-up	0.000006Lux(15IRE), 0.000012Lux(30IRE), 0.00002Lux(50IRE)@F1.2	
	B/W	Sens-up off	0.0036Lux(15IRE), 0.0072Lux(30IRE), 0.012Lux(50IRE)@F1.2	
		Sens-up	0.0000006Lux(15IRE), 0.0000012Lux(30IRE), 0.000002Lux(50IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Day/Night/AUTO/EXT (ICR)	
	Motion Detection		Off/On	
	D-Zoom		1x ~ 16x (0.1x STEP)	
	High Speed Shutter		1/60 ~1/10Ksec(OSD/External Control)	1/50 ~1/10Ksec(OSD/External Control)
	Sens Up		2x ~ 512x	
	BLC / AGC		Off/On **/** Off/On	
	ELC / Line Lock		Off/On (~ 1/200Ksec) **/** Off/On (Phase Control)	
	Camera ID		Off/On (Max.54ea/2Lines)	
	White Balance		ATW1/ATW2/AWC/3200K/5600K	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video		Off/On(Moved / Fixed / Fence / Area / Tracking)	
	PIP		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output			VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		50 dB	
Lens	Lens Drive Type / Mount Type		MANUAL/AI(VIDEO/DC) **/** CS/C	
OSD			Yes	
Alarm	Output		1 ea	
Remote Control	CCVC		Yes (with SCX-RD100)	
	RS485		Yes (Multi Protocol, 8ea)	
Environmental Conditions	Operating Temperature		Absolute : -20℃ ~ +60℃ / Sustained : -10℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	SCC-A2333P:24 VAC ±10%/12 VDC ±10% SCC-A2033P:AC220V~240V(50Hz±0.3Hz)
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		64 x 58 x 109.2 mm	SCC-A2333P:64 x 58 x 109.2 mm SCC-A2033P:64 x 58 x 129.2 mm
	Weight		305 g	SCC-A2333P:305g/SCC-A2033P:395g
	Color	Body	Siver	

Features

- Superior images through DSP (Digital Signal Processor)
- 1/4" 410/470K Pixels Super HAD CCD
- Horizontal resolution : 480 TV Lines
- 10-bit A/D converter
- Motion detection
- Optical 22x zoom (f=3.6~79.2mm), 10x digital zoom lens
- Outstanding signal-to-noise (S/N) ratio : 52dB
- Both RS-485 communication interface & wired remote control
- Min. scene illumination : 0.005(color)/0.0005(B/W) Lux

Dimensions (unit:mm)

SCC-C4201

60.5 | 119.5 | 59.5

SCC-C4301

60.5 | 8 | 142.5 | 11 | 59.5
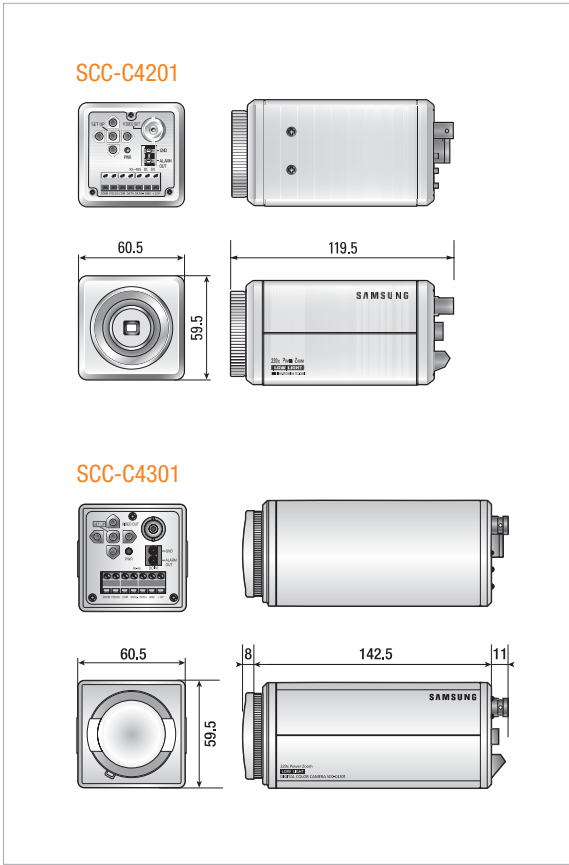
Specifications

Model			SCC-C4201	SCC-C4301
Image	Device		1/4" Super HAD CCD	
	Effective Pixels		NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)	
Scanning Method			2:1 Interlace	
Scanning Line	Horizontal		NTSC : 15.750KHz / PAL : 15.625Hz	
Frequency	Vertical		NTSC : 60Hz / PAL : 50Hz	
Synchronization Method			Internal	Internal/Line lock
Horizontal Resolution			480 TV Lines	
Min. Scene Illumination	Color		0.005 (Sens up 128x,15IRE) Lux	
	B/W		0.0005 (Sens up 128x,15IRE) Lux	
Lens	Zoom Ratio		220x Zoom (22x optical, 10x digital)	
	Focal Length		3.6~79.2mm	
	Aperture Ratio	Tele	F3.8	
		Wide	F1.6	
	Viewing Angle	Tele	2.3˚(H) x 1.7˚(V) x 9˚(V)	2.3˚(H) x 1.7˚(V)
		Wide	47.9˚(H) x 36˚	47.9˚(H) x 36.9˚(V)
Functions	Camera ID		Off/On(20Characters, Position Setting)	
	Electronic Shutter		Off, 1/100 ~ 10,000 sec	
	BLC		Off/On(Area setting)	
	AGC		Off/On	
	PIP		Off/On	
	White Balance		ATW/AWC/Manual	
	Motion Detection		Off/On (Area/Sensitivity setting)	
	Sens Up		Off/Auto(2x ~ 128x) / Fix(2x ~ 128x)	
Signal Output			VBS 1.0Vp-p(75 ohm, composite)	
S/N Ratio			52dB	
Input/Output	Image Output		BNC	
	Power		Terminal Block (2-pin)	
Remote Control			RS-485 (Half Duplex)	
Operating Temperature			-10℃ ~ +50℃	
Operating Humidity			Less than 90%	
Power Requirment			DC12V	AC24V/DC12V Compatible
Power Consumption			5.0W	5.5W
Dimensions			60.5(W) x 59.5(H) x 119.5(D)mm	60.5(W) x 59.5(H) x 161.5(D)mm
Weight			375g	500g

22x Zoom DayNight Camera
SCC-C4203A/C4303A

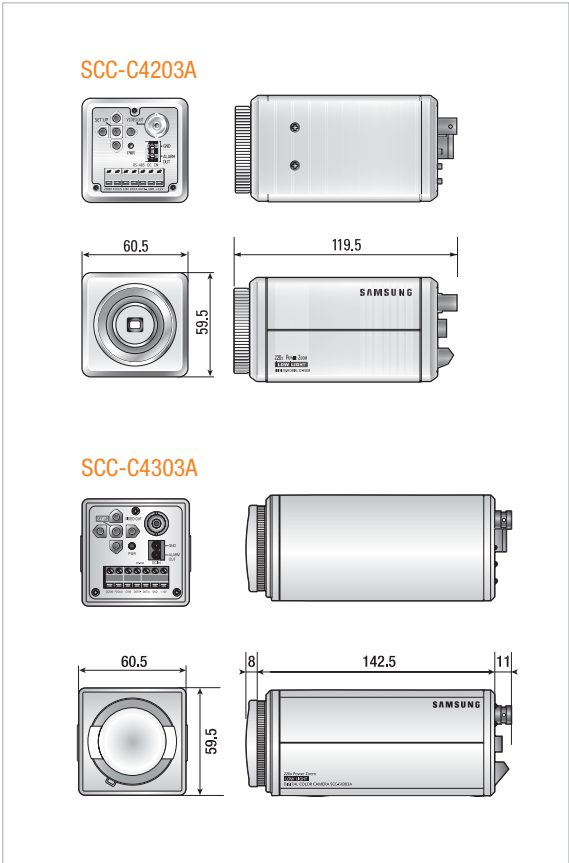## 22x Zoom DayNight WDR Camera
SCC-C4205/C4305

Features

- 1/4" 410K/470K Pixels Super HAD CCD
- Day/Night
- DSP (Digital Signal Processor)
- 10-bit A/D converter
- 22x optical zoom (f=3.6-79.2mm) and 10x digital Zoom
- Excellent signal-to-noise ratio (50dB)
- Motion detection
- Both RS-485 communication interface & wired remote control

Specifications

Model		SCC-C4203A	SCC-C4303A
Image	Device	1/4" Super HAD CCD	
	Effective Pixels	NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)	
Scanning Method		2:1 Interlace	
Scanning Line	Horizontal	NTSC :15.750KHz / PAL : 15.625Hz	
Frequency	Vertical	NTSC :60Hz / PAL : 50Hz	
Synchronization Method		Internal	Internal/Line lock
Horizontal Resolution		Color : 480 TV Lines / B/W : 350 TV Lines	
Min. Scene	Color	0.005 (Sens-up 128x,15IRE)Lux	
Illumination	B/W	0.0005 (Sens-up 128x,15IRE)Lux	
Lens	Zoom Ratio	220x Zoom(22x optical, 10x digital)	
	Focal Length	3.6~79.2mm	
	Aperture	Tele	F3.8	
	Ratio	Wide	F1.6	
	Viewing	Tele	2.3˚(H) x 1.7˚(V)	
	Angle	Wide	47.9˚(H) x 36.9˚(V)	
Functions	Camera ID	Off/On (20Characters, Position Setting)	
	Electronic Shutter	Off, 1/100 ~ 10,000 sec	
	BLC / AGC / PIP	Off/On	
	White Balance	ATW/AWC/Manual	
	Motion Detection	Off/On (Area/Sensitivity Setting)	
	Sens Up	OFF/Auto(2x~128x) / Fix(2x~128x)	
Signal Output		VBS 1.0Vp-p(75 ohm, Composite)	
S/N Ratio		50dB	
Input/Output	Image Output	BNC	
	Power	Terminal Block(2-pin)	
Remote Control		RS-485 (Half Duplex)	
Operating Temperature		-10℃ ~ +50℃	
Operating Humidity		Less than 90%	
Power Requirment		DC12V	AC24V / DC12V Compatible
Power Consumption		5.0W	5.5W
Dimensions		60.5(W) x 59.5(H) x 119.5(D)mm	60.5(W) x 59.5(H) x 161.5(D)mm
Weight		375g	550g

Dimensions (unit:mm)

SCC-C4203A

60.5   119.5
59.5

SCC-C4303A

60.5 |8| 142.5 |11|
59.5

Features

- 22x motorized optical zoom with 10x digital zoom
- 1/4" 410K/470K Pixels Ex-View PS CCD
- Horizontal resolution : 480 TV lines
- DSP (Digital Signal Processor)
- WDR (Wide Dynamic Range), Day/Night
- External synchronization with line lock (SCC-C4305)
- Motion detection with alarming output
- On-screen menus (multi-language)
- Remote-control (zoom, focus, Iris open-close)
- Min. scene illumination : 0.002(color)/0.0002(B/W) Lux
- 1 Alarm output (motion detection)

Specifications

Model		SCC-C4205	SCC-C4305
Image	Device	1/4" Ex-View PS CCD	
	Effective Pixels	NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)	
Scanning Method		2:1 Interlace	
Synchronization Method		Internal	Internal/Line lock
Horizontal Resolution		480 TV Lines	
Min. Scene	Color	0.002(Sens-up 160x,15IRE)Lux	
Illumination	B/W	0.0002(Sens-up 160x,15IRE)Lux	
Lens	Zoom Ratio	220x Zoom(22x optical, 10x digital)	
	Focal Length	3.6~79.2mm	
	Aperture	Tele	F3.8	
	Ratio	Wide	F1.6	
	Viewing	Tele	2.3˚(H) x 1.7˚(V)	
	Angle	Wide	47.9˚(H) x 36.9˚(V)	
Functions	Camera ID	Max 20 Character	
	High Speed Shutter	Off ~ 1/10Ksec	
	BLC	Off/On	
	AGC	Off/Low/High	
	White Balance	ATW/AWC/Manual	
	Motion Detection	Off/On	
	Sens Up	Off ~ 160x	
Signal Output		VBS 1.0Vp-p	
S/N Ratio		50dB	
Operating Temperature		-10℃ ~ +50℃	
Operating Humidity		Less than 90%	
Power Requirment		DC12V	AC24V/DC12V Compatible
Power Consumption		5.7W	6W
Dimensions		60.5(W) x 59.5(H) x 127.5(D)mm	60.5(W) x 59.5(H) x 161.5(D)mm
Weight		375g	500g

Dimensions (unit:mm)

SCC-C4205

60.5 |8| 108.5 |11|
59.5

SCC-C4305

60.5 |8| 142.5 |11|
59.5
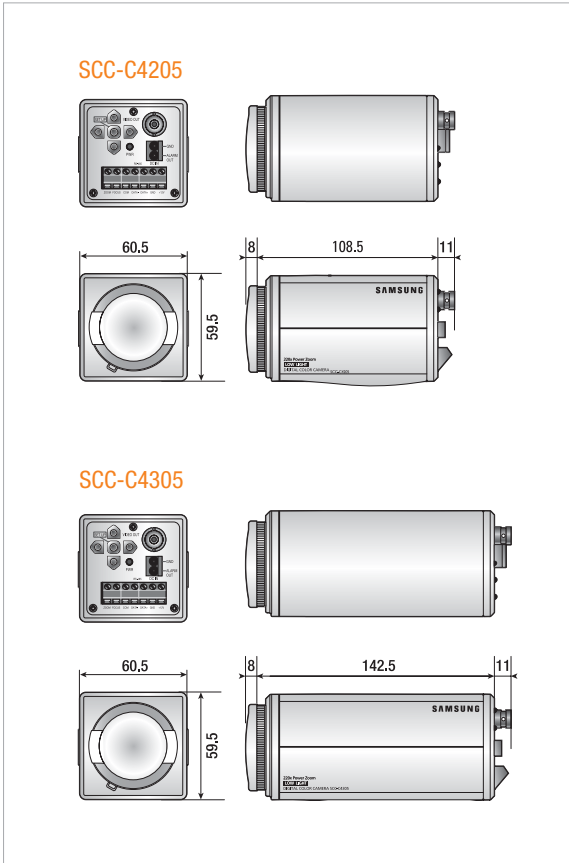
32x Zoom DayNight WDR Camera
SCC-C4207/C4307

Features

- 1/4" 410K/470K Pixels Ex-View CCD
- DIS (Digital Image Stabilizer)
- 32x zoom Lens (digital zoom:10x)
- Min. scene illumination : 0.002(color)/0.0002(B/W) Lux
- Day/Night
- 128x WDR (Wide Dynamic Range)
- Motion detection (with adjustable zones and sensitivity levels)
- Privacy protection that allows up to 8 privacy zones
- Remote control through RS485 (using SSC-1000/5000)
- Excellent signal-to-noise ratio (50dB)

Dimensions (unit:mm)

SCC-C4207

60.5   126.7   59.5

SCC-C4307

60.5   160.9   59.5
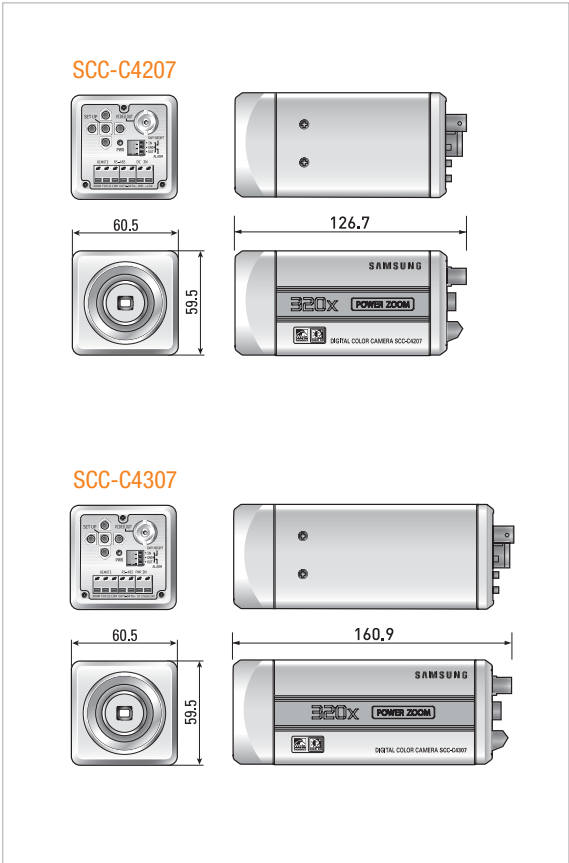
Specifications

Model		SCC-C4207	SCC-C4307
Image	Device	1/4" Ex-View CCD	
	Effective Pixels	NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)	
Scanning Method		2 : 1 Interlace	
Scanning Line	Horizontal	NTSC : 15.750Hz / PAL : 15.625Hz	
Frequency	Vertical	NTSC : 60Hz / PAL : 50Hz	
Synchronization Method		Internal	Internal/Line lock
Horizontal Resolution		480 TV Lines	
Min. Scene	Color	0.002 (Sens-up 160x,15IRE)Lux	
Illumination	B/W	0.0002 (Sens-up 160x,15IRE)Lux	
Lens	Zoom Ratio	320x (32x Optical, 10x Digital)	
	Focal Length	3.55 ~ 113mm	
	Aperture	Tele	F4.17	
	Ratio	Wide	F1.69	
	Viewing	Tele	1.78˚(H) x 1.34˚(V)	
	Angle	Wide	56.41˚(H) x 43.01˚(V)	
Functions	Wide Dynamic Range	Off/On (128x)	
	Day/Night	Color/BW/Auto/EXT (ICR)	
	Motion Detection	Off/On (Area/Sensitivity Setting)	
	Electronic Shutter	Off, 1/100 ~10,000 sec	
	Sens Up	Off/Auto (2x ~ 160x)	
	BLC	Off/On (Area Setting)	
	AGC	Off/Low/High	
	Camera ID	Max. 20 Characters	
	White Balance	ATW/ATW2/AWC/Manual	
	IR Filter	Off/On	
	Privacy Zones	8 (Mosaic)	
Signal Output		VBS 1.0Vp-p(75 Ohm, Composite)	
S/N Ratio		50dB(AGC Off)	
Input/Output	Image Output	BNC	
	Remote Control	RS485	
	Alarm Output	1	
	Power	Terminal Block (2-pin)	
Operating Temperature		-10℃ ~ +50℃	
Operating Humidity		Maximum 90% RH	
Power Requirment		DC12V	AC24V/DC12V compatible
Power Consumption		5.5W	6W
Dimensions		60.5(W) x 59.5(H) x 126.7(D)mm	60.5(W) x 59.5(H) x 160.9(D)mm
Weight		390g	515g

Rear Parts

SCC-C4207   SCC-C4307
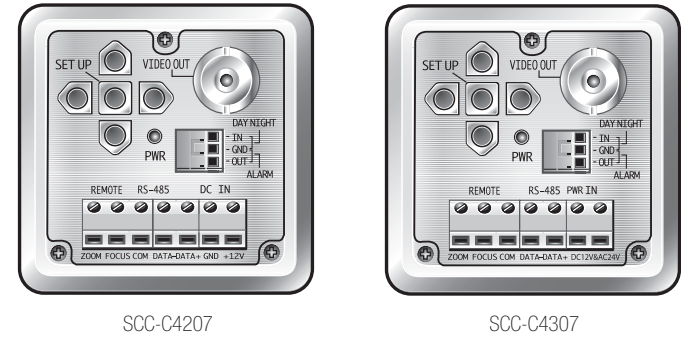
Camera Manipulation Switch (setup switch)

The functions of these parts will differ, depending on the operation mode of the camera.

- When the camera is in general operation mode :
  - Up/Down Direction Switch : Zoom Tele or Zoom Wide switch, respectively.
  - Left/Right Direction Switch : Near Focus or Far Focus switch, respectively.
  - [SET UP] Switch: This is used to enter the setup menu :
    The user can enter the setup menu by pushing the [SET UP] switch, and holding it for 3 seconds.

- From the setup menu :
  - Up/Down Direction Switch : Used to move the cursor up or down.
  - Left/Right Direction Switch : Used to move the cursor to the left or right.
    Other functions may be designated by the setup menu.
  - [ENTER] Switch : Used to select the highlighted option.

ZOOM/FOCUS REMOTE Terminal

This is the terminal used to connect an external controller for ZOOM/FOCUS and menu control and for executing the HOME RETURN and AF functions. It can be set to one of four modes (A, B, C or D) according to the input condition.

Exterior

Day & Night External Signal Input and Alarm Signal Output Terminal

This is the terminal that allows connection to an external brightness sensor (optional) to trigger switching between black & white or color mode. It also sends out an alarm signal when linked to the MOTION DET function or black & white.

Day & Night IN
GND
Alarm Output
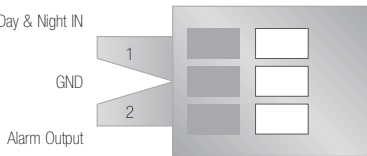
Video Output Terminal

This is the terminal that is connected to the video input terminal of a monitor. The video images from the camera are sent to the monitor through this terminal.

RS485 Port

This is the RS485 remote control port.

Power LED

The LED will be on if power is being supplied to the camera.

Power Input Terminal

This is the terminal that is connected to the power adaptor cable.

High Resolution 32x Zoom Camera
SCC-C4233/C4333

Features

- 1/4" 410K/470K Pixels Super-HAD IT CCD
- 32x Optical zoom lens (16x D-zoom)
- High resolution : 540(Color)/570(BW) TV Lines
- Min. scene illumination
  Color : 0.002 Lux(15 IRE, Sens-up 256x)
  B/W : 0.0002 Lux(15 IRE, Sens-up 256x)
- Full auto focus function
- Privacy mask zone (16 area)
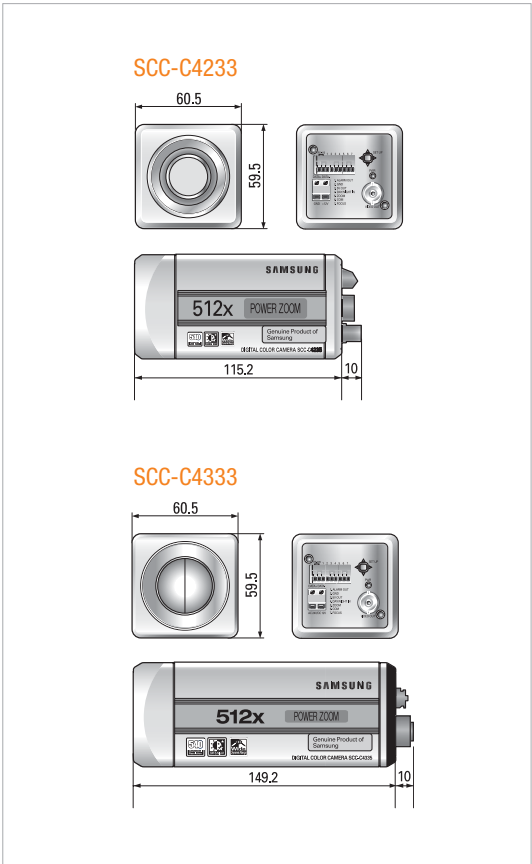- Multi-protocol (more than 8 companies), multi-OSD
- Remote control(RS485), power zoom/focus control

Specifications

Model			SCC-C4233	SCC-C4333
Camera Type			Color	
Image	Device		1/4" Super-HAD IT CCD	
	Effective	NTSC	768(H) x 494(V)	
	Pixels	PAL	752(H) x 582(V)	
Horizontal Resolution			540(Color)/570(BW) TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6 Lux(15IRE)	
		Sens-up	0.002 Lux(15IRE)	
	B/W	Sens-up Off	0.06 Lux(15IRE)	
		Sens-up	0.0002 Lux(15IRE)	
Functions	Number of Privacy Zone		16	
	Day/Night		Color/BW/Auto/EXT (ICR)	
	Line Lock		N/A	INT/Line Lock
	White Balance		ATW1/ATW2/AWC/MANUAL	
	D-Zoom		Yes (~ 16x)	
	High Speed Shutter		Yes (OFF ~ 1/10K)	
	Motion Detection		Yes	
	Sens Up		Yes (2x ~ 256x)	
	Camera ID		Max 20 Character	
	Remote Control		RS485, Power Zoom/Focus	
	Alarm	Output	1	
Video Output			VBS 1.0Vp-p	
S/N Ratio			50 dB	
Lens	Focal Length		3.55 ~ 113mm	
	Zoom Ratio		32x Optical, 16x Digital	
	Aperture Ratio		F1.69(W)/F4.17(T)	
	Viewing	Tele	1.78˚(H) x 1.34˚(V)	
	Angle	Wide	56.41˚(H) x 43.01˚(V)	
Operating Temperature			-10℃ ~ + 50℃	
Operating Humidity			Less than 90%	
Power	Power	NTSC	DC 12V	AC24V/DC12V,60Hz
	Requirement	PAL		AC24V/DC12V,50Hz
	LED Indicator		Yes	
Dimensions	Net(WxHxD)		60.5 x 59.5 x 125.2 mm	60.5 x 59.5 x 159.2 mm
Weight	Net		444g	595g
Color	Body		Silver	

Dimensions (unit:mm)

SCC-C4233

60.5
59.5
115.2
10

SCC-C4333

60.5
59.5
149.2
10

High Resolution WDR 32x Zoom Camera
SCC-C4235/C4335

Features

- 1/4" 410K/470K Pixels Ex-View HAD PS CCD
- 32x Optical zoom lens (16x D-zoom)
- High resolution Day/Night : 540(Color)/570(BW) TV Lines
- Min. scene illumination
  Color : 0.001 Lux(15 IRE, Sens-up 256x)
  B/W : 0.0001 Lux(15 IRE, Sens-up 256x)
- Full auto focus function
- Privacy mask zone (16 area)
- Multi-protocol (more than 8 companies), multi-OSD
- Remote control(RS485), power zoom/focus control
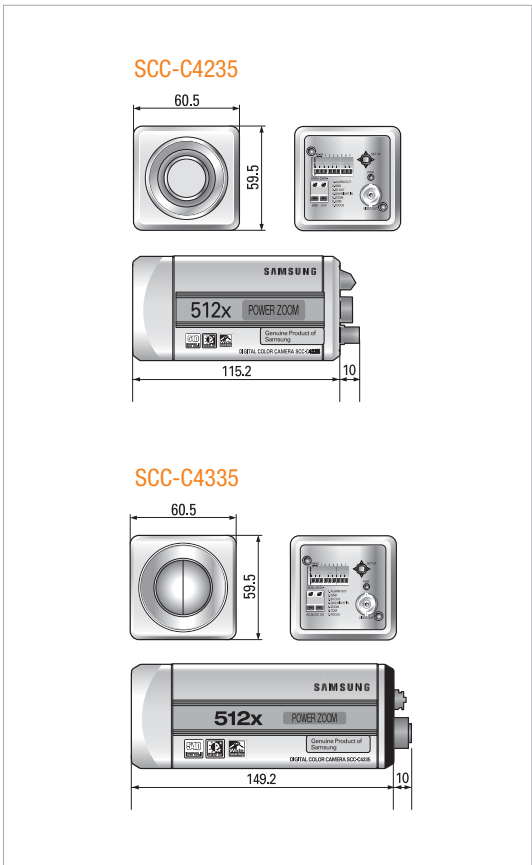
Specifications

Model			SCC-C4235	SCC-C4335
Camera Type			Color	
Image	Device		1/4" Ex-View HAD PS CCD	
	Effective	NTSC	768(H) x 494(V)	
	Pixels	PAL	752(H) x 582(V)	
Horizontal Resolution			540(Color)/570(BW) TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.3 Lux(15IRE,Sens-up Off)	
		Sens-up	0.001 Lux(15IRE, Sens-up x256)	
	B/W	Sens-up Off	0.03 Lux(15IRE,Sens-up Off)	
		Sens-up	0.0001 Lux(15IRE, Sens-up x256)	
Functions	Number of Privacy Zone		16	
	Day/Night		Color/BW/Auto/EXT (ICR)	
	Line Lock		N/A	INT/Line Lock
	White Balance		ATW1/ATW2/AWC/MANUAL	
	D-Zoom		Yes (~16x)	
	High Speed Shutter		Yes (OFF ~ 1/10K)	
	Motion Detection		Yes	
	Sens Up		Yes (2x ~ 256x)	
	Camera ID		Max 20 Character	
	Remote Control		RS485, Power Zoom/Focus	
	Alarm	Input	Yes	
		Output	1	
	Wide Dynamic Range		Yes	
Video Output			VBS 1.0Vp-p	
S/N Ratio			50 dB	
Lens	Focal Length		3.55 ~ 113mm	
	Zoom Ratio		32x Optical, 16x Digital	
	Aperture Ratio		F1.69(W)/F4.17(T)	
	Viewing	Tele	1.78˚(H) x 1.34˚(V)	
	Angle	Wide	56.41˚(H) x 43.01˚(V)	
Operating Temperature			-10℃ ~ + 50℃	
Operating Humidity			Less than 90%	
Power	Power	NTSC	DC 12V	AC24V/DC12V, 60Hz
	Requirement	PAL		AC24V/DC12V, 50Hz
	Power Consumption		5W	5.5W
	LED Indicator		Yes	
Dimensions	Net(WxHxD)		60.5 x 59.5 x 125.2 mm	60.5 x 59.5 x 159.2 mm
Weight	Net		444g	595g
Color	Body		Silver	

Dimensions (unit:mm)

SCC-C4235

60.5
59.5
115.2
10

SCC-C4335

60.5
59.5
149.2
10

34x Optical Zoom Lens Camera
SCC-C4237 `NEW`

Features
- 1/4" SONY 410K/470K Pixels Super HAD IT CCD
- 34x Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.001 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  0.0001 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- Day Night Function (ICR), Sens-up Function (512x)
- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half) Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Preset 512 ea, Alarm Output 1ea
- DC12V

Dimensions (unit:mm)
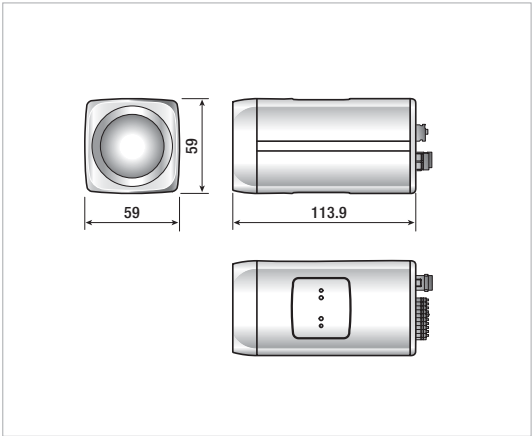
Specifications

Model			SCC-C4237
Camera Type	Color/BW		Color
Image	Device		1/4" Super HAD IT CCD
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)
Resolution	Horizontal		600 (Color) TV Lines
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)
Functions	Number of Privacy Zone		12 ea
	Day/Night		Auto / Day / Night(ICR)
	Motion Detection		Yes, Sensitivity 1~7 Level
	D-Zoom		Yes(~16x)
	High Speed Shutter		1/100~1/10K sec
	Sens Up / PIP / BLC		Yes(2x ~ 512x) **/** Yes **/** Off/On
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)
	Auto Focus		Manual / Auto / one AF
	Syncronization		Internal
	Camera ID		Max 54 Character, 2 Line
	XDR (eXtended Dynamic Range)		Off/On (Low/Middle/High)
	DNR (Digital Noise Reduction)		Off / On (Low / Middle / High / User(3D/2D))
	Schedule		Day / Time Schedule
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p
S/N Ratio	S/N Ratio		52 dB
Lens	Focal Length		3.4 ~ 115.6mm
	Min. Object Distance		100cm
	Zoom Ratio		34x Optical (544x with 16x Digital zoom)
	Aperature Ratio		F1.65(W)/F3.7(T)
	Viewing	Tele	1.47˚(H) x 1.10˚(V)0
	Angle	Wide	61.22˚(H) x 47.16˚(V)
	Lens Drive	Type	DC Auto Iris
	Mount Type		Board-in type
OSD	OSD		Yes
Alarm	Output		1ea
Remote Control			RS485, CCVC
Environmental Conditions	Operating Temperature		-10˚C ~ +50˚C
	Operating Humidity		Less than 90%
Power	Power Requirement		DC12V
	LED Indicator		Yes
Physical Specification	Dimensions (WxHxD)		59 x 59 x 113.9mm
	Weight		383g
	Color		Silver


34x Optical Zoom Lens Camera
SCC-C4239/C4339 `NEW`

Features
- 1/4" SONY 410K/470K Pixels Ex-View HAD PS CCD
- 34x Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.001 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  0.0001 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- Wide Dynamic Range (NTSC 128x, PAL 160x)
- Virtual Progressive Scan (VPS)
- Day Night Function (ICR), Sens-up Function (512x)
- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half) Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Preset 512 ea, Alarm Output 1ea
- SCC-C4239 : DC12V
  SCC-C4339 : AC24V/DC12V

Dimensions (unit:mm)
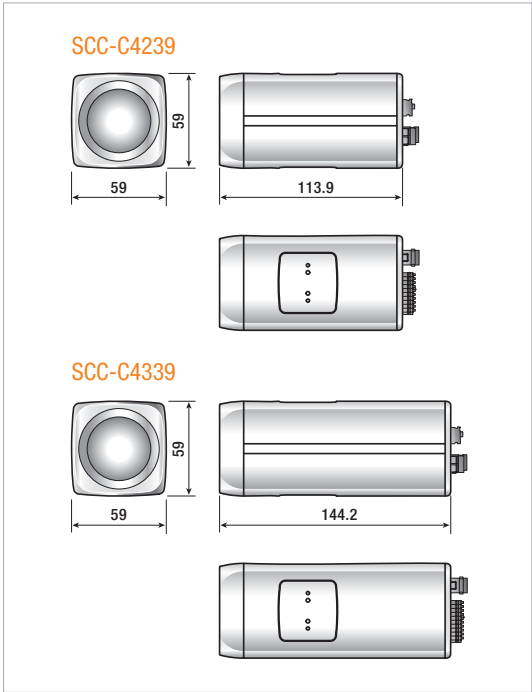
SCC-C4239

SCC-C4339

Specifications

Model			SCC-C4239	SCC-C4339
Camera Type	Color/BW		Color	
Image	Device		1/4" Ex-View HAD PS CCD	
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)	
Resolution	Horizontal		600 (Color) TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)	
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)	
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)	
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)	
Functions	Number of Privacy Zone		12 ea	
	Day/Night		Auto / Day / Night(ICR)	
	Motion Detection		Yes, Sensitivity 1~7 Level	
	Wide Dynamic Range		Yes(NTSC : 128x, PAL : 160x)	
	D-Zoom		Yes(~16x)	
	High Speed Shutter		1/100~1/10K sec	
	Sens Up / PIP / BLC		Yes(2x ~ 512x) **/** Yes **/** Off/On	
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)	
	Auto Focus		Manual / Auto / one AF	
	Syncronization		Internal	Internal/Line Lock
	Camera ID		Max 54 Character, 2 Line	
	VPS (Virtual Progressive Scan)		Yes	
	XDR (eXtended Dynamic Range)		Off/On (Low/Middle/High)	
	DNR (Digital Noise Reduction)		Off / On (Low / Middle / High / User(3D/2D))	
	Schedule		Day / Time Schedule	
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		52 dB	
Lens	Focal Length		3.4 ~ 115.6mm	
	Min. Object Distance		100cm	
	Zoom Ratio		34x Optical (544x with 16x Digital zoom)	
	Aperature Ratio		F1.65(W)/F3.7(T)	
	Viewing	Tele	1.47˚(H) x 1.10˚(V)0	
	Angle	Wide	61.22˚(H) x 47.16˚(V)	
	Lens Drive Type		DC Auto Iris	
	Mount Type		Board-in type	
OSD	OSD		Yes	
Alarm	Output		1ea	
Remote Control			RS485, CCVC	
Environmental Conditions	Operating Temperature		-10˚C ~ +50˚C	
	Operating Humidity		Less than 90%	
Power	Power Requirement		DC12V	DC12V, AC24V
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		59 x 59 x 113.9mm	59 x 59 x 144.2mm
	Weight		383g	508g
	Color		Silver	

# 43x Optical Zoom Lens Camera
SCC-C4253/C4353 *NEW*

Features

- 1/4" SONY 410K/470K Pixels Super HAD IT CCD
- 43x(f=3.2~138.5mm) Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.001 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  - 0.0001 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- Day Night Function (ICR), Sens-up Function (512x)
- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half) Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Preset 512 ea, Alarm Output 1 ea
- SCC-C4253 : DC12V
  SCC-C4353 : AC24V/DC12V

Dimensions (unit:mm)
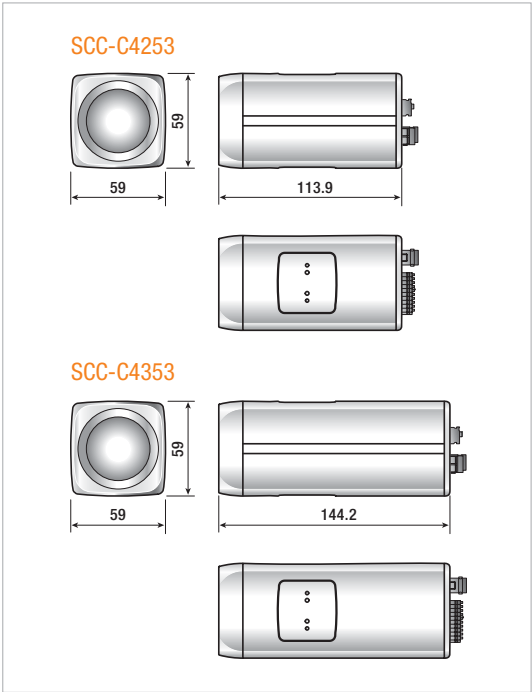
SCC-C4253

SCC-C4353

Specifications

Model			SCC-C4253	SCC-C4353
Camera Type	Color/BW		Color	
Image	Device		1/4" Super HAD IT CCD	
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)	
Resolution	Horizontal		600 (Color) TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)	
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)	
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)	
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)	
Functions	Number of Privacy Zone		12 ea	
	Day/Night		Auto / Day / Night(ICR)	
	Motion Detection		Yes, Sensitivity 1~7 Level	
	D-Zoom		Yes(~16x)	
	High Speed Shutter		1/100~1/10K sec	
	Sens Up / PIP / BLC		Yes(2x ~ 512x) **/** Yes **/** Off/On	
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)	
	Auto Focus		Manual / Auto / one AF	
	Syncronization		Internal	Internal/Line Lock
	Camera ID		Max 54 Character, 2 Line	
	XDR (eXtended Dynamic Range)		Off/On (Low/Middle/High)	
	DNR (Digital Noise Reduction)		Off / On (Low / Middle / High / User(3D/2D))	
	Schedule		Day / Time Schedule	
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		52 dB	
Lens	Focal Length		3.2 ~ 138.5mm	
	Min. Object Distance		100cm	
	Zoom Ratio		43x Optical (688x with 16x Digital zoom)	
	Aperature Ratio		F1.65(W)/F3.7(T)	
	Viewing	Tele	1.47˚(H) x 1.10˚(V)0	
	Angle	Wide	61.22˚(H) x 47.16˚(V)	
	Lens Drive	Type	DC Auto Iris	
	Mount Type		Board-in type	
OSD	OSD		Yes	
Alarm	Output		1ea	
Remote Control			RS485, CCVC	
Environmental Conditions	Operating Temperature		-10℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		DC12V	DC12V, AC24V
	Power Consumption		4.2W	5.6W
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		59 x 59 x 113.9mm	59 x 59 x 144.2mm
	Weight		383g	508g
	Color		Silver	

# 43x Optical Zoom Lens Camera
SCC-C4255/C4355 *NEW*

Features

- 1/4" SONY 410K/470K Pixels Ex-View HAD PS CCD
- 43x(f=3.2~138.5mm) Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.001 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  - 0.0001 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- Wide Dynamic Range (NTSC 128x, PAL 160x)
- Virtual Progressive Scan (VPS)
- Day Night Function (ICR), Sens-up Function (512x)
- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half) Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Preset 512 ea, Alarm Output 1 ea
- SCC-C4255 : DC12V
  SCC-C4355 : AC24V/DC12V

Dimensions (unit:mm)
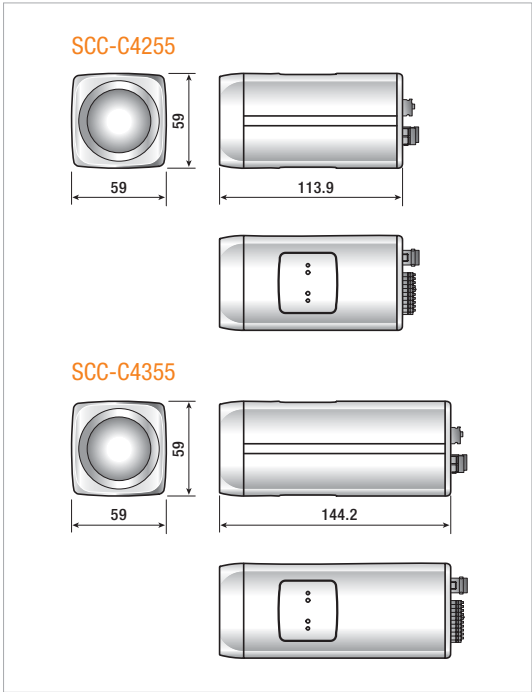
SCC-C4255

SCC-C4355

Specifications

Model			SCC-C4255	SCC-C4355
Camera Type	Color/BW		Color	
Image	Device		1/4" Ex-View HAD PS CCD	
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)	
Resolution	Horizontal		600 (Color) TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)	
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)	
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)	
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)	
Functions	Number of Privacy Zone		12 ea	
	Day/Night		Auto / Day / Night(ICR)	
	Motion Detection		Yes, Sensitivity 1~7 Level	
	Wide Dynamic Range		Yes(NTSC : 128x, PAL : 160x)	
	D-Zoom		Yes(~16x)	
	High Speed Shutter		1/100~1/10K sec	
	Sens Up / PIP / BLC		Yes(2x ~ 512x) **/** Yes **/** Off/On	
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)	
	Auto Focus		Manual / Auto / one AF	
	Syncronization		Internal	Internal/Line Lock
	Camera ID		Max 54 Character, 2 Line	
	VPS (Virtual Progressive Scan)		Yes	
	XDR (eXtended Dynamic Range)		Off/On (Low/Middle/High)	
	DNR (Digital Noise Reduction)		Off / On (Low / Middle / High / User(3D/2D))	
	Schedule		Day / Time Schedule	
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio	S/N Ratio		52 dB	
Lens	Focal Length		3.2 ~ 138.5mm	
	Min. Object Distance		100cm	
	Zoom Ratio		43x Optical (688x with 16x Digital zoom)	
	Aperature Ratio		F1.65(W)/F3.7(T)	
	Viewing	Tele	1.47˚(H) x 1.10˚(V)0	
	Angle	Wide	61.22˚(H) x 47.16˚(V)	
	Lens Drive Type		DC Auto Iris	
	Mount Type		Board-in type	
OSD	OSD		Yes	
Alarm	Output		1ea	
Remote Control			RS485, CCVC	
Environmental Conditions	Operating Temperature		-10℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		DC12V	DC12V, AC24V
	Power Consumption		4.2W	5.6W
	LED Indicator		Yes	
Physical Specification	Dimensions (WxHxD)		59 x 59 x 113.9mm	59 x 59 x 144.2mm
	Weight		383g	508g
	Color		Silver	

Bullet type IR LED DayNight Camera
SCC-B9270

Bullet type IR LED DayNight Camera
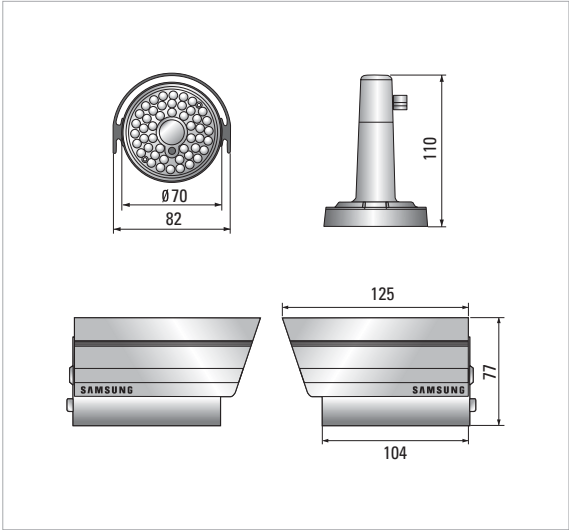# SCC-B9371/B9372
SCC-B9373

Features

- 1/3" 320K Pixels Super-HAD IT CCD
- 350 TV lines resolution
- Min. scene illumination : 0 Lux with IR-LED(48pcs)
- 4.3mm fixed iris lens built-in F2.0
- No focus shift in night time (at LED turn on)
- Back light compensation
- Water resistant (IP66)
- Size: 70(ø) x 104(L)mm
- DC12V, 110mA/450mA (IR LED On)

Specifications

Model			SCC-B9270
Camera Type			Color
Image	Device		1/3" Super-HAD IT CCD
	Pixels	Effective	500 x 582
Min. Scene		Color	0 Lux with IR-LED(48pcs)
Illumination		B/W	Viewable length at night : 40m
Resolution	Horizontal		350 TV Lines
	Vertical		350 TV Lines
Video Output			VBS 1.0Vp-p
S/N Ratio			48 dB
Function			AGC, BLC, ATW
Lens	Focal Length		4.3mm
	Aperture Ratio		F2.0
	Viewing Angle	Tele	73.7˚(H) x 47.3˚(V)
	Lens Drive Type		Fixed Iris (ELC Function)
Operating Temperature			-10˚C ~ + 50˚C
Operating Humidity			Less than 90%
Water resistant			IP 66
Power Requirement			DC 12V
Power Consumption			1.3W(Led Off) / 5.4W(Led On)
Dimension			70(ø) x 104(L)mm
Weight			750g

Dimensions (unit:mm)

ø 70
82
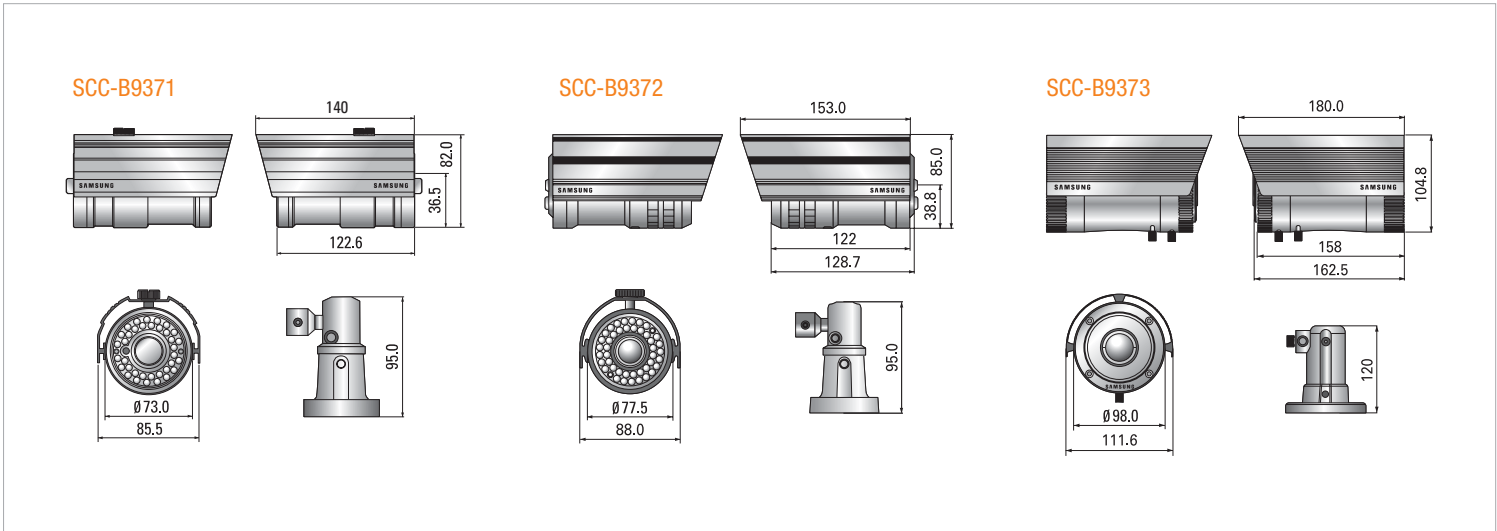110
125
77
104

Features

- 1/3" 410K/470K Pixels Super-HAD IT CCD
- 540(Color)/570(BW) TV lines resolution
- Min. scene illumination:
  SCC-B9371 : 0Lux with IR-LED(36pcs)
  SCC-B9372 : 0Lux with IR-LED(42pcs)
  SCC-B9373 : 0Lux with IR-LED(42pcs)
- Focal length & focus externally adjustable
- DC iris level external adjustable
- Viewable length at night : SCC-B9371 : 35m
  SCC-B9372 : 45m
  SCC-B9373 : 70m
- Back light compensation
- Water resistant (IP66)
- Size : SCC-B9371 : 73(ø) x 122(L)mm
  SCC-B9372 : 77.5(ø) x 129(L)mm
  SCC-B9373 : 98(ø) x 162.5(L))mm
- AC24V/DC12V :
  SCC-B9371 : 210mA/600mA (IR LED On)
  SCC-B9372 : 210mA/650mA (IR LED On)
  SCC-B9373 : 210mA/1.2A (IR LED On)

Specifications

Model			SCC-B9371	SCC-B9372	SCC-B9373
Camera Type			Color		
Image	Device		1/3" Super-HAD IT CCD		
	Pixels	Effective	NTSC : 768 x 494 / PAL : 752 x 582		
Min. Scene		Color	0 Lux with IR-LED(36pcs)	0 Lux with IR-LED(42pcs)	0 Lux with IR-LED(42pcs)
Illumination		B/W	Viewable length at night:35m	Viewable length at night:45m	Viewable length at night:70m
Resolution	Horizontal		540(Color) / 570(BW) TV Lines		
Video Output			VBS 1.0Vp-p		
S/N Ratio			48 dB		
Function			AGC, BLC, ATW		
Lens	Focal Length		3.8 ~ 9.5mm		6~50mm
	Aperture Ratio		F1.2		F1.6
	Viewing	Tele	30.0˚(H) x 22.4˚(V)	30.0˚(H) x 22.4˚(V)	5.7˚(H) x 4.3˚(V)
	Angle	Wide	74.2˚(H) x 54.0˚(V)	74.2˚(H) x 54.0˚(V)	43.9˚(H) x 33.2˚(V)
	Lens Drive Type		Vari-Focal Auto Iris		
Operating Temperature			-10˚C ~ + 50˚C		
Operating Humidity			Less than 90%		
Water Resistant			IP 66		
Power Requirement			AC 24V & DC 12V		
Power Consumption			2.5W(Led Off)/7.2W(Led On)	2.5W(Led Off)/7.8W(Led On)	2.5W(Led Off)/14.4W(Led On)
Dimension			73(ø) x 122(L)mm	77.5(ø) x 129(L)mm	98(ø) x 162.5(L)mm
Weight			910g	1010g	2335g

Dimensions (unit:mm)

SCC-B9371
140
122.6
82.0
36.5
ø 73.0
85.5
95.0

SCC-B9372
153.0
122
128.7
85.0
38.8
ø 77.5
88.0
95.0

SCC-B9373
180.0
158
162.5
104.8
ø 98.0
111.6
120

Anti-Vandal Dome IR LED DayNight Camera
SCC-B9374

Features
- 1/3" 410K/470K Pixels Super-HAD IT CCD
- 540(Color)/570(BW) TV lines resolution
- Min. scene illumination : 0 Lux with IR-LED(18pcs)
- Vari-focal(3.8~9.5mm) auto iris lens built-in F1.2
- Color & B/W changing time selectable
- IR LED Day/Night vision camera
- Real 3-axis gimbals bracket (2-Pan , 2-Tilt)
- Viewable length at night(20m)
- Back light compensation
- Vandal resistant, water resistant (IP66)
- Service monitor (second video) built-in
- Size : 145(ø) x 100(L)mm
- AC24V/DC12V, 210mA/420mA (IR LED On)
- Applicable Wall mount adaptor : SADT-937WM
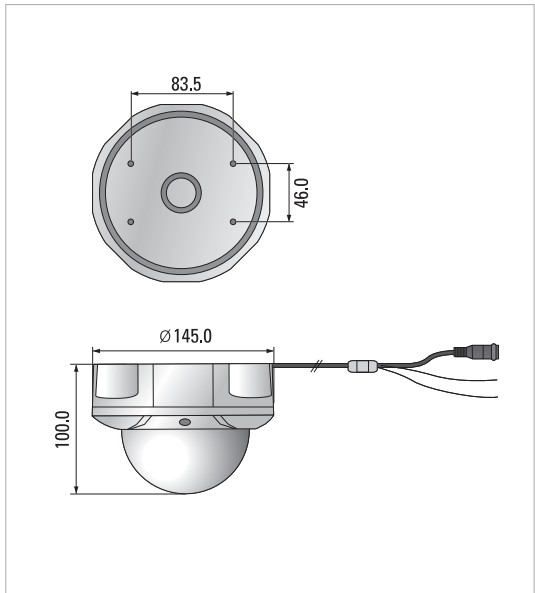
Specifications

Model			SCC-B9374
Camera Type			Color
Image	Device		1/3" Super-HAD IT CCD
	Pixels	Effective	NTSC : 768 x 494 / PAL : 752 x 582
Min. Scene Illumination	Color		0 Lux with IR-LED(18pcs)
	B/W		Viewable Length at Night : 20m
Resolution	Horizontal		540(Color) / 570(BW) TV Lines
Video Output			VBS 1.0Vp-p
S/N Ratio			48 dB
Function			AGC, BLC, ATW
Lens	Focal Length		3.8 ~ 9.5mm
	Aperture Ratio		F1.2
	Viewing Angle	Tele	30.0°(H) x 22.4°(V)
		Wide	74.2°(H) x 54.0°(V)
	Lens Drive Type		Vari-focal Auto Iris
Operating Temperature			-10℃ ~ + 50℃
Operating Humidity			Less than 90%
Water resistant			IP 66
Power Requirement			AC 24V & DC 12V
Power Consumption			2.5W(Led Off) / 5W(Led On)
Dimension			145(ø) x 100(L)mm
Weight			990g

Dimensions (unit:mm)

83.5
46.0
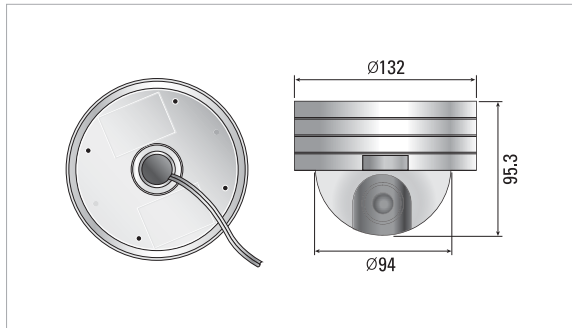ø145.0
100.0

Anti Vandal Dome Camera
SCC-931T

Features
- Water resistant and dust resistant (IP66)
- 1/4" 410K/470K Pixels Super HAD CCD
- 12x optical zoom lens (10x digital zoom)
- Min. scene illumination : 0.005 Lux
- RS-485 remote control
- AC24V / DC12V
- Applicable Wall mount adaptor : SADT-101WM

Dimensions (unit:mm)

ø132
95.3
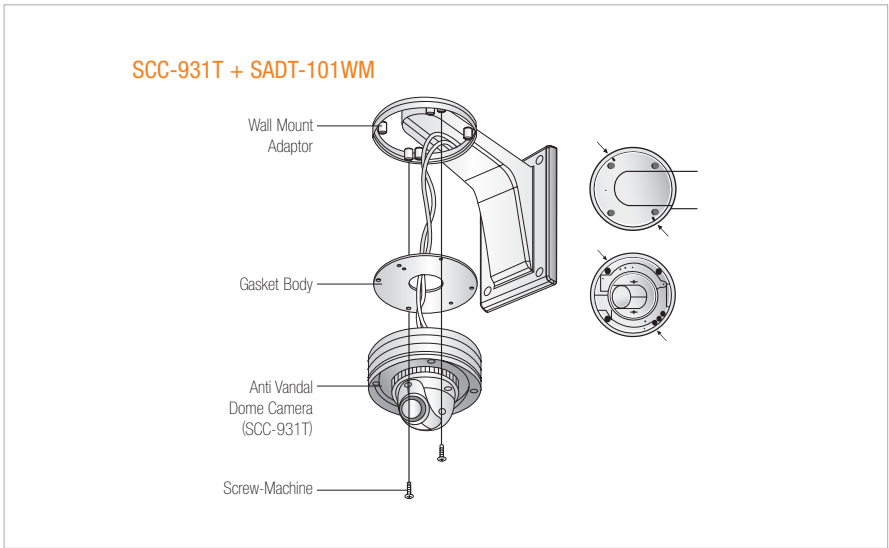ø94

Specifications

Model			SCC-931T	SCC-931TP
Image	Device		1/4" Super HAD CCD	
	Effective Pixels		768(H) x 494(V)	752(H) x 582(V)
Scanning Method			2:1 Interlace	
Horizontal Resolution			480 TV Lines	
Synchronization Method			Internal/Line lock	
Min. Scene Illumination			0.005(Sens up 128x,15IRE)Lux	
Lens	Zoom Ratio		12x Optical, 10x Digital	
	Focal Length		3.6 ~ 43.2mm	
	Viewing Angle	Tele	4.7°(H) x 3.6°(V)	
		Wide	52.8°(H) x 40.3°(V)	
Functions	Shutter Speed		Off ~ 1/10,000 sec	
	Sens Up		Max 128x (Auto/FIX/Off)	
	Motion Detection		On/Off	
	Focus		AF/OneAF/Manual	
	White Balance		ATW / AWC / Manual	
Signal Output			VBS 1.0Vp-p, 75ohm, BNC	
S/N Ratio			52dB	
Remote Control			RS-485(Half Duplex)	
Power Requirment			AC24V / DC12V Compatible	
Weight			1,000g	
Dimensions			132(ø) x 95.3(D)mm	

Applicable Wall Mount Adaptor

SADT-101WM

Installation Guide (Wall Surface)

SCC-931T + SADT-101WM

Wall Mount Adaptor
Gasket Body
Anti Vandal Dome Camera (SCC-931T)
Screw-Machine

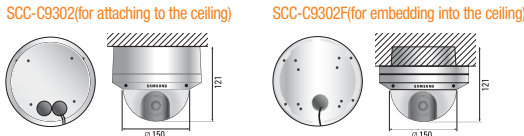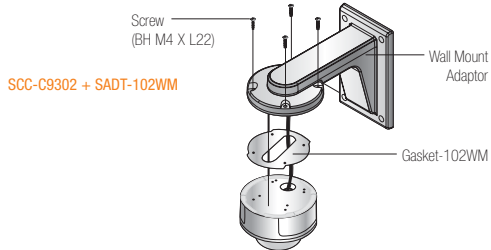# Anti Vandal 3-Axis DayNight, WDR Dome Camera
SCC-C9302(F)

Features

- Convenient installation, with its 3-axis turning design
  (pan: 355˚, tilt: 20˚~ 90˚)
- Water resistant and dustproof (IP66)
- 1/4" 410K/470K Pixels Ex-View CCD
- Horizontal resolution : 480 TV lines
- Min. scene illumination : 0.002(color)/0.0002(B/W) Lux
- 120x zoom lens (12x optical, 10x digital)
- 128x WDR (Wide Dynamic Range)   ● Day/Night
- Motion Detection (zones and sensitivity level set by user)
- Alarm input : 1Ch / Alarm output : 1Ch
- Privacy protection allows up to 8 privacy zones
- Remote control through RS485 and RS422(using SSC-1000/5000)
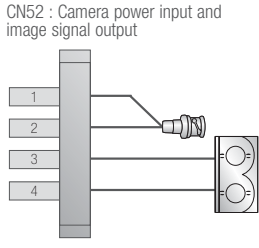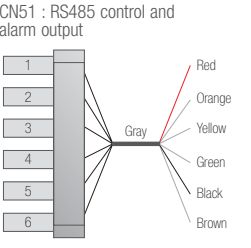- Applicable Wall mount adaptor : SADT-102WM

Dimensions (unit:mm)

SCC-C9302(for attaching to the ceiling)   SCC-C9302F(for embedding into the ceiling)

ø 150   ø 150

Installation Guide (Wall Surface)

Screw
(BH M4 X L22)

SCC-C9302 + SADT-102WM

Wall Mount Adaptor

Gasket-102WM

External Connector Pin Specification

CN52 : Camera power input and image signal output

CN51 : RS485 control and alarm output

Red
Orange
Yellow
Gray
Green
Black
Brown

Pin no.	Pin Spec
1	VBS_OUT
2	GND
3	AC24-
4	AC24+

Pin no.	Pin Spec
1	485_B(-)
2	485_A(+)
3	GND(COM)
4	Alram Input
5	GND
6	Alram Output

Specifications

Model		SCC-C9302(F)	SCC-C9302(F)P
Image	Device	1/4" Ex-View CCD	
	Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning Method		2:1 Interlace	
Horizontal Resolution		480 TV Lines	
Synchronization Method		Internal/Line lock	
Min. Scene	Color	0.002(Sens-up 160x,15IRE)Lux	
Illumination	B/W	0.0002(Sens-up 160x,15IRE)Lux	
Pan/Tilt	Pan Angle	355˚	
	Tilt Angle	20˚~ 90˚	
Lens	Zoom Ratio	120x(12x Optical, 10x Digital)	
	Focal Length	3.6 ~ 43.2mm	
	Apeture Ratio	F1.8(Wide), F2.6(Tele)	
	Viewing	Tele	4.7˚(H) x 3.6˚(V)	
	Angle	Wide	52.8˚(H) x 40.3˚(V)	
	Focus	One/AF/Manual	
Functions	Wide Dynamic Range	Off/On(128x)	
	Day/Night	Color/BW/Auto	
	Digital Zoom	Off/On, PIP	
	Motion Detection	Off/On(Area/Sensitivity Setting)	
	Shutter Speed	Off ~ 1/10,000 sec	
	Sens Up	Off/Auto(2x ~ 160x)	
	BLC	Off/On(Area Setting)	
	AGC	Off/On	
	Line Lock	Yes	
	Camera ID	Max. 20 Characters	
	White Balance	ATW1/ATW2/AWC/Manual	
	Privacy Zone	8	
Signal Output		VBS 1.0Vp-p, 74ohm, BNC	
S/N Ratio		52dB	
Input/Output	Image Output	1 BNC	
	Alarm Input	1 (No, 5mA Sink)	
	Alarm Output	1 (Open Collector)	
	Remote Control	RS485(Half Duplx)	
	Power	Terminal Bolck(2-Pin)	
Operating Temperature		-10˚C ~ 50˚C	
Operating Humidity		90% RH	
Power Requirment		AC24V / DC12V Compatible	
Power Consumption		6W	
Weight		1,100g (880g)	
Dimensions		150(ø) x 121(D)mm	
Appearance		SCC-C9302 : Ceiling-mountable	
		SCC-C9302F : Embedded into the ceiling	

DayNight Vari-Focal Dome Camera
SCC-B5342/B5344

Features

- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- Vari-Focal lens
  SCC-B5342 : f=2.5~6mm
  SCC-B5344 : f=2.9~10mm
- Day/Night function (ICR)
- High resolution : 540 TV lines
- DNR (Digital Noise Reduction)
- Min. illumination : 0.0009 Lux (F1.2, 15IRE, Sens up 128x)
- Dynamic CCD Defect Compensation
- 3-Way Gimbals Structure
- AC24V/DC12V Dual Power (Line Lock)

Dimensions (unit:mm)

ø 128

91
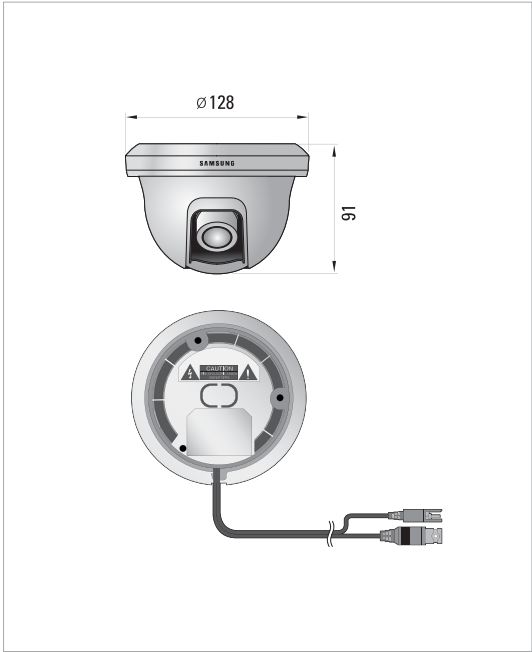
Specifications

Model			SCC-B5342N/B5344N	SCC-B5342P/B5344P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734	15,625
	Frequency	Line-lock Mode	15,750	15,625
	Vertical	Internal Mode	59.94	50
	Frequency	Line-lock Mode	60	50
Resolution	Horizontal		540(Color)/570(BW) TV Lines	
Min. Scene Illumination			0.12 Lux(15IRE, Off) 0.0009 Lux(15IRE, Sens-up 128x)	
PAN/TILT	Panning		Left 255˚ / Right 100˚ / Total 355˚(Manual)	
	Tilting		0 ~ 90˚(Manual)	
Functions	Day/Night		On/Off (ICR)	
	Sens Up		On(128x) / Off	
	BLC		On/Off	
	AGC		On/Off	
	Line Lock		On/Off	
	White Balance		ATW/AWC	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			50 dB	
Lens	Focal Length		SCC-B5342 : 2.5~6mm / SCC-B5344 : 2.9~10mm	
	Viewing	Tele	SCC-B5342 : 46˚(H) x 34˚(V) / SCC-B5344 : 28.8˚(H) x 21.6˚(V)	
	Angle	Wide	SCC-B5342 : 108˚(H) x 80˚(V) / SCC-B5344 : 94.6˚(H) x 68.4˚(V)	
	Lens Drive Type		DC Auto Iris	
	Mount Type		Board-in type	
Environmental	Operating Temperature		-10˚C ~ +50˚C	
Conditions	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10% / 12 VDC ±10%	
	Power Consumption		1.7W	
Physical	Dimensions		128(ø) x 91(H)mm	
Specification	Weight		293g	
	Color	Body	White	

DayNight Vari-Focal Dome Camera
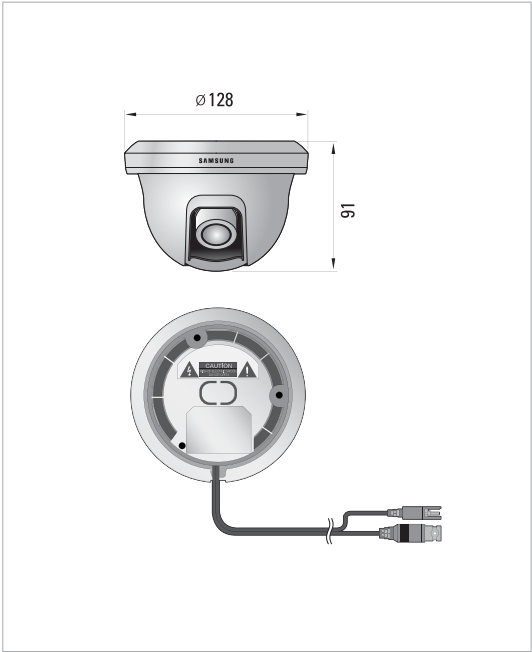# SCC-B5343/B5345

Super High-Resolution Mini Dome Camera
SCC-B5223

Features

- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- Vari-Focal lens
  SCC-B5343 : f=2.5~6mm
  SCC-B5345 : f=2.9~10mm
- Day/Night function (ICR)
- High resolution : 540 TV lines
- DNR (Digital Noise Reduction)
- Min. illumination :
  0.0009(Color)/0.00009(BW) Lux (F1.2, 15IRE, Sens-up 128x)
- Dynamic CCD Defect Compensation
- 3-Way Gimbals Structure
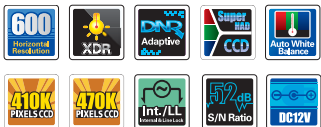- AC24V/DC12V Dual Power (Line Lock)

Dimensions (unit:mm)

ø128

91

Specifications

Model			SCC-B5343N/B5345N	SCC-B5343P/B5345P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734	15,625
	Frequency	Line-lock Mode	15,750	15,625
	Vertical	Internal Mode	59.94	50
	Frequency	Line-lock Mode	60	50
Resolution	Horizontal		540(Color)/570(BW) TV Lines	
Min. Scene	Color		0.12 Lux(15IRE, Off) 0.0009 Lux(15IRE, Sens-up 128x)	
Illumination	BW		0.012 Lux(15IRE, Off) 0.00009 Lux(15IRE, Sens-up 128x)	
PAN/TILT	Panning		Left 255° / Right 100° / Total 355°(Manual)	
	Tilting		0 ~ 90°(Manual)	
Functions	Day/Night		On/Off (ICR)	
	Sens Up		On(128x) / Off	
	BLC		On/Off	
	AGC		On/Off	
	Line Lock		On/Off	
	White Balance		ATW/AWC	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			50 dB	
Lens	Focal Length		SCC-B5343 : 2.5~6mm / SCC-B5345 : 2.9~10mm	
	Viewing	Tele	SCC-B5343 : 46°(H) x 34°(V) / SCC-B5345 : 28.8°(H) x 21.6°(V)	
	Angle	Wide	SCC-B5343 : 108°(H) x 80°(V) / SCC-B5345 : 94.6°(H) x 68.4°(V)	
	Lens Drive Type		DC Auto Iris	
	Mount Type		Board-in type	
Environmental	Operating Temperature		-10°C ~ +50°C	
Conditions	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10% / 12 VDC ±10%	
	Power Consumption		1.7W	
Physical	Dimensions		128(ø) x 91(H)mm	
Specification	Weight		293g	
	Color	Body	White	

Features

- 1/3" SONY 410K/470K Pixels Super-HAD CCD
- High Resolution : 600 TV Lines
- Min. illumination 0.075 Lux (F2.0, 15 IRE, Sens-Up 4x, Color)
- f=3.0 mm, Fixed Iris Lens
- Sens-Up Function (4x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- eXtended Dynamic Range (XDR)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- Electronic Level Control (Manual Lens)
- Auto White Balance (ATW/AWC)
- 3-Way Gimbals Structure
- Mini Compact Size
- DC12V

Dimensions (unit:mm)

ø85

54
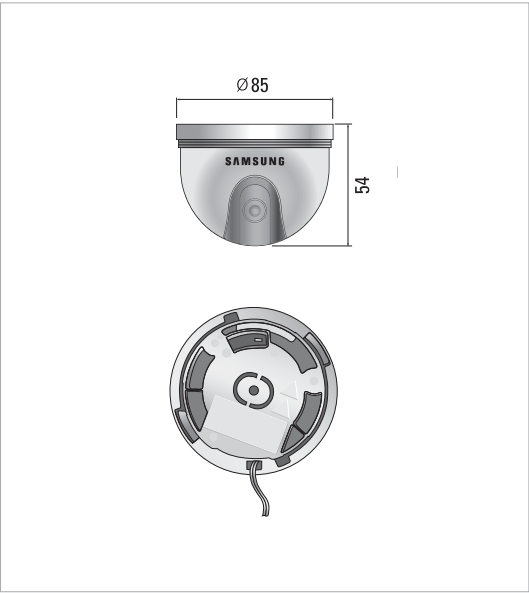
Specifications

Model			SCC-B5223N	SCC-B5223P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene	Sens-up off		0.3Lux(15IRE), 0.6Lux(30IRE), 1.0Lux(50IRE) @F2.0	
Illumination	Sens-up		0.075Lux(15IRE), 0.15Lux(30IRE), 0.25Lux(50IRE) @F2.0	
Functions	Sens Up		Auto 4x	
	BLC		Auto	
	AGC		Auto	
	ELC		On (~ 1/200Ksec)	
	White Balance		ATW/AWC	
	Digital Noise Reduction		Auto	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length		3.0 mm	
	Aperture Ratio		F2.0	
	Viewing Angle	Wide	92°(H) x 72°(V)	
	Lens Drive Type / Mount Type		MANUAL / Board Type	
Remote	CCVC		Yes (with SCX-RD100)	
Environmental	Operating Temperature		Absolute : -10°C ~ +50°C / Sustained : -20°C ~ +60°C	
Conditions	Operating Humidity		Less than 90%	
Power	Power Requirement		12 VDC ±10%	
Physical	Dimensions		85(ø) x 54(H) mm	
Specification	Weight		120 g	
	Color	Body	Silver	

# Super High-Resolution DayNight Dome Camera
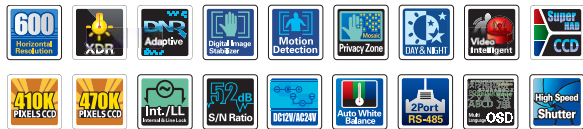## SCC-B5331/B5333
SCC-B5335

Features

- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- High Resolution : 600 TV Lines
- Min. illumination 0.0006Lux (F2.0, 15 IRE, Sens-Up 512x)
    SCC-B5331 : f=3.8 mm, Fixed Iris Lens
    SCC-B5333 : f=3.0 mm, Fixed Iris Lens
    SCC-B5335 : f=8.0 mm, Fixed Iris Lens
- Internal/Linelock (Phase Control) Function
- Day/Night Function (Soft), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- Multi-Language OSD support
- 3-Way Gimbals Structure
- DC12V & AC24V 60Hz(50Hz)

Specifications

Model			SCC-B5331	SCC-B5333	SCC-B5335
Camera Type	Color/BW		Color		
Image	Device		1/3" Super-HAD IT CCD		
	Pixels	Effective	768 x 494 / 752 x 582		
Scanning	System		Interlace		
	Horizontal	Internal Mode	15,734 Hz / 15,625 Hz		
	Frequency	Line-lock Mode	15,750 Hz / 15,625 Hz		
	Vertical	Internal Mode	59.94 Hz / 50 Hz		
	Frequency	Line-lock Mode	60 Hz / 50 Hz		
Resolution	Horizontal		600 TV Lines		
Min. Scene	Sens-up off		0.3Lux(15IRE), 0.6Lux(30IRE), 1.0Lux(50IRE) @F2.0		
Illumination	Sens-up		0.0006Lux(15IRE), 0.0012Lux(30IRE), 0.002Lux(50IRE) @F2.0		
Functions	Number of Privacy Zone		12 (Polygonal Method)		
	Day/Night		Color/BW/AUTO(Soft)		
	Motion Detection		Off/On		
	D-Zoom		1x ~ 16x (0.1x STEP)		
	Sens Up		2x ~ 512x		
	BLC / AGC		Off/On / Off/On		
	ELC		Off/On (~ 1/200Ksec)		
	Line Lock		Off/On (Phase Control)		
	Camera ID		Off/On (Max.54ea/2Lines)		
	White Balance		ATW1/ATW2/AWC/MANUAL		
	eXtended Dynamic Range		Off/Low/Mid/High		
	Digital Noise Reduction		Off/On		
	Digital Image Stabilization		Off/On		
	Intelligent Video		Off/On (Moved / Fixed / Fence / Area / Tracking)		
	PIP		Off/On		
	Etc. Function		Detail, Reverse(H/V), Posi/Nega		
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p		
S/N Ratio			52 dB		
Lens	Focal Length		f=3.8 mm	f=3.0 mm	f=8.0 mm
	Aperature Ratio		F2.0		
	Viewing Angle	Wide	71˚(H) x 53˚(V)	92˚(H) x 72˚(V)	72˚(H) x 25.3˚(V)
	Lens Drive Type / Mount Type		MANUAL / Board Type		
OSD			Yes		
Remote Control	CCVC		Yes (with SCX-RD100)		
Environmental Conditions	Operating Temperature		Absolute : -10℃ ~ +50℃ / Sustained : -20℃ ~ +60℃		
	Operating Humidity		Less than 90%		
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%		
Physical Specification	Dimensions(WxHxD)		102(ø) x 78(H) mm		
	Weight		220 g		
	Color	Body	Silver		

Dimensions (unit:mm)

78

ø102

Super High-Resolution DayNight Dome Camera
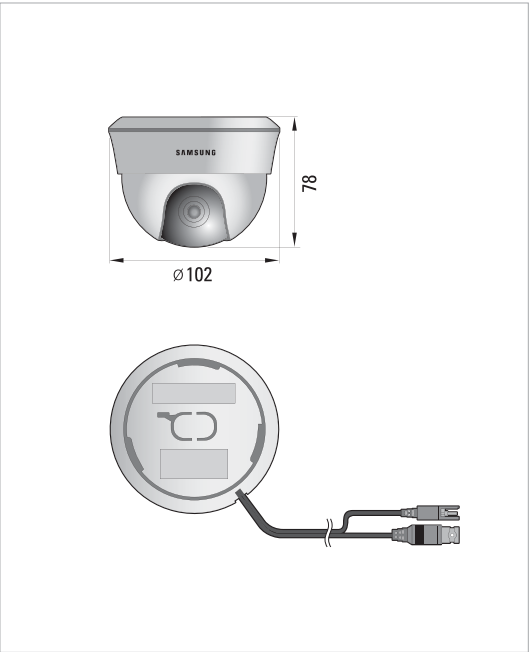## SCC-B5366/B5368

Features

- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- High Resolution : 600 TV Lines
- Min . illumination 0.00023Lux (F1.2, 15 IRE, Sens-Up 512x)
- SCC-B5366 : f=2.5~6 mm, Auto Iris Lens
    SCC-B5368 : f=2.8~11 mm, Auto Iris Lens
- Internal/Linelock (Phase Control) Function
- Day/Night Function (Soft), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller: SCX-RD100)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
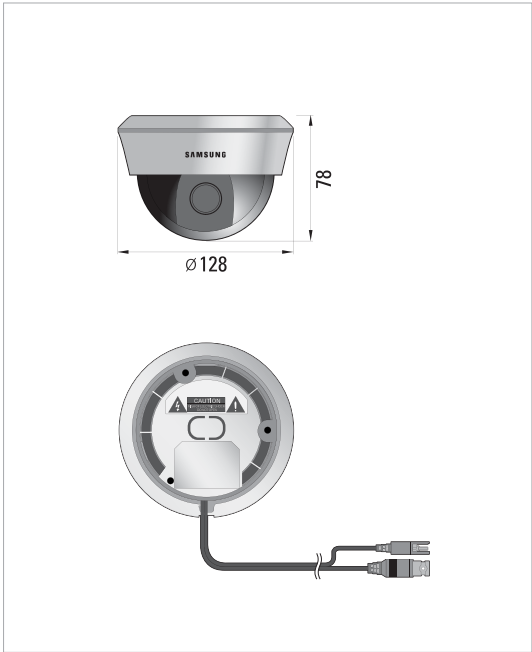- 3-Way Gimbals Structure
- DC12V & AC24V 60Hz(50Hz)

Specifications

Model			SCC-B5366	SCC-B5368
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494 / 752 x 582	
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz / 15,625 Hz	
	Frequency	Line-lock Mode	15,750 Hz / 15,625 Hz	
	Vertical	Internal Mode	59.94 Hz / 50 Hz	
	Frequency	Line-lock Mode	60 Hz / 50 Hz	
Resolution	Horizontal		600 TV Lines	
Min. Scene	Sens-up off		0.12Lux(15 IRE), 0.2Lux(30 IRE), 0.4Lux(50 IRE) @F1.2	
Illumination	Sens-up		0.00023Lux(15 IRE), 0.0005Lux(30 IRE), 0.0008Lux(50 IRE) @F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Color/BW/AUTO (Soft)	
	Motion Detection		Off/On	
	D-Zoom		1x ~16x (0.1x STEP)	
	High Speed Shutter		1/60~1/10Ksec(OSD)	1/50~1/10Ksec(OSD)
	Sens Up		2x ~ 512x	
	BLC / AGC		Off/On / Off/On	
	Line Lock		Off/On (Phase Control)	
	Camera ID		Off/On (Max.54ea/2Lines)	
	White Balance		ATW1/ATW2/AWC/MANUAL	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video		Off/On (Moved / Fixed / Fence / Area / Tracking)	
	PIP		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length		2.5~6mm	2.8~11mm
	Aperature Ratio		F1.2	
	Viewing	Tele	46˚(H) x 34˚(V)	28.8˚(H) x 21.6˚(V)
	Angle	Wide	108˚(H) x 80˚(V)	94.6˚(H) x 68.4˚(V)
	Lens Drive Type / Mount Type		AI(DC) / Board Type	
Remote Control	CCVC		Yes (with SCX-RD100)	
Environmental Conditions	Operating Temperature		Absolute : -10℃ ~ +50℃ / Sustained : -20℃ ~ +60℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	
Physical Specification	Dimensions		128(ø) x 78(H) mm	
	Weight		330 g	
	Color	Body	White	

Dimensions (unit:mm)

78

ø128

# Super High-Resolution DayNight WDR Dome Camera
SCC-B5367/B5369

Features

- 1/3" SONY 410K/470K Pixels Super-HAD PS CCD
- High Resolution : 600 TV Lines
- Min. illumination
  0.00023Lux (F1.2, 15 IRE, Sens-Up 512x, Color)
  0.000023Lux (F1.2, 15 IRE, Sens-Up 512x, B/W))
- SCC-B5367 : f=2.5~6 mm, Auto Iris Lens
  SCC-B5369 : f=2.8~11 mm, Auto Iris Lens
- Wide Dynamic Range (WDR)
- Virtual Progressive Scan (VPS)
- Internal/Linelock (Phase Control) Function
- Day/Night Function (ICR), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- 3-Way Gimbals Structure
- DC12V & AC24V 60Hz(50Hz)

Dimensions (unit:mm)

ø128
78
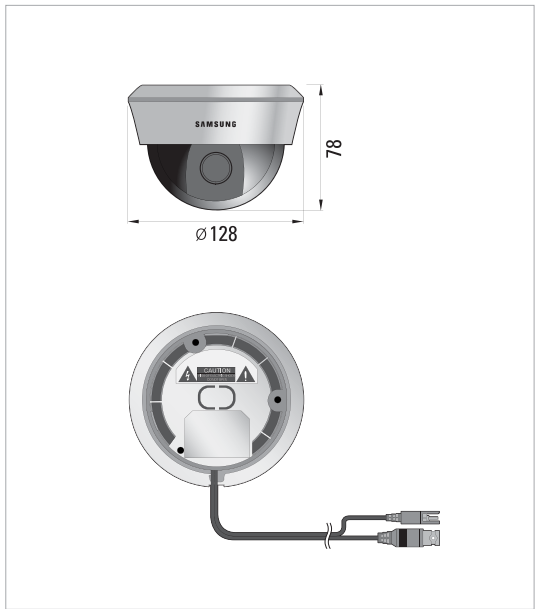
Specifications

Model			SCC-B5367N/B5369N	SCC-B5367P/B5369P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD PS CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up off	0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE)@F1.2	
		Sens-up	0.00023Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE)@F1.2	
	B/W	Sens-up off	0.012Lux(15IRE), 0.02Lux(30IRE), 0.04Lux(50IRE)@F1.2	
		Sens-up	0.000023Lux(15IRE), 0.00005Lux(30IRE), 0.00008Lux(50IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Color/BW/AUTO/EXT (ICR)	
	Motion Detection		Off/On	
	Wide Dynamic Range		Off/On	
	D-Zoom		1x ~16x (0.1x STEP)	
	High Speed Shutter		1/60 ~1/10Ksec(OSD)	1/50 ~ 1/10Ksec(OSD)
	Sens Up / BLC / AGC		2x ~ 512x / Off/On / Off/On	
	Line Lock / Camera ID		Off/On (Phase Control) / Off/On (Max.54ea/2Line)	
	White Balance		ATW1/ATW2/AWC/MANUAL	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video		Off/On(Moved / Fixed / Fence / Area / Tracking)	
	PIP		Off/On	
	Virtual Progressive Scan		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length		SCC-B5367:2.5~6mm / SCC-B5369:2.8~11mm	
	Aperature Ratio		F1.2	
	Viewing	Tele	SCC-B5367:46˚(H) x 34˚(V) / SCC-B5369:28.8˚(H) x 21.6˚(V)	
	Angle	Wide	SCC-B5367:108˚(H) x 80˚(V) / SCC-B5369:94.6˚(H) x 68.4˚(V)	
	Lens Drive Type / Mount Type		AI(DC) / Board Type	
OSD			Yes	
Remote Control	CCVC / RS485		Yes (with SCX-RD100) / Yes (Multi Protocol, 8ea)	
Environmental Conditions	Operating Temperature		Absolute : -10˚C ~ +50˚C / Sustained : -20˚C ~ +60˚C	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	
Physical Specification	Dimensions		128(ø) x 78(H) mm	
	Weight		330 g	
	Color	Body	White	

Super High-Resolution DayNight Anti-Vandal Dome Camera
SCC-B5396/B5398

Features

- 1/3" SONY 410K/470K Pixels Super-HAD IT CCD
- High Resolution : 600 TV Lines
- Min. illumination 0.00023Lux (F1.2, 15 IRE, Sens-Up 512x)
- SCC-B5396 : f=2.5~6 mm, Auto Iris Lens
  SCC-B5398 : f=2.8~11 mm, Auto Iris Lens
- Internal/Linelock (Phase Control) Function
- Day/Night Function (Soft), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- Anti Vandal type, IP-66, Surface type
- DC12V & AC24V 60Hz(50Hz)
- 3-Way Gimbals Structure
- Applicable Wall mount adaptor : SADT-102WM

Dimensions (unit:mm)

ø150
121

Specifications

Model			SCC-B5396N/B5398N	SCC-B5396P/B5398P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD IT CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Sens-up off		0.12Lux(15 IRE), 0.2Lux(30 IRE), 0.4Lux(50 IRE)@F1.2	
	Sens-up		0.00023Lux(15 IRE), 0.0005Lux(30 IRE), 0.0008Lux(50 IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Color/BW/AUTO(Soft)	
	Motion Detection		Off/On	
	D-Zoom		1x ~16x (0.1x STEP)	
	High Speed Shutter		1/60 ~ 1/10Ksec (OSD)	1/50 ~ 1/10Ksec (OSD)
	Sens Up / BLC / AGC		2x ~ 512x / Off/On / Off/On	
	Line Lock / Anti Vandal		Off/On (Phase Control) / Yes	
	Camera ID / White Balance		Off/On (Max.54ea/2Lines) / ATW1/ATW2/AWC/MANUAL	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video		Off/On(Moved / Fixed / Fence / Area / Tracking)	
	PIP		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length		SCC-B5396 : 2.5~6mm / SCC-B5398 : 2.8~11mm	
	Zoom ratio		SCC-B5396 : 2.4x / SCC-B5398 : 3.4x	
	Aperature Ratio		F1.2	
	Viewing	Tele	SCC-B5396:46˚(H) x 34˚(V) / SCC-B5398:28.8˚(H) x 21.6˚(V)	
	Angle	Wide	SCC-B5396:108˚(H) x 80˚(V) / SCC-B5398:94.6˚(H) x 68.4˚(V)	
	Lens Drive Type / Mount Type		AI(DC) / Board Type	
OSD			Yes	
Remote Control	CCVC		Yes (with SCX-RD100)	
	RS485		Yes (Multi Protocol, 8ea)	
Environmental Conditions	Operating Temperature		Absolute : -10˚C ~ +50˚C / Sustained : -20˚C ~ +60˚C	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	
Physical Specification	Dimensions		150(ø) x 121(H) mm	
	Weight		1,000g	
	Color	Body	White	

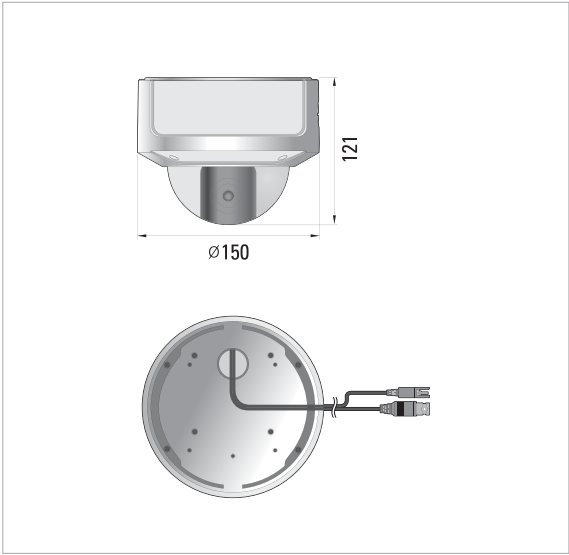# Super High-Resolution WDR Anti-Vandal Dome Camera
SCC-B5397/B5399

Features

- 1/3" SONY 410K/470K Pixels Super-HAD PS CCD
- High Resolution : 600 TV Lines
- Min. illumination
  0.0002Lux (F1.2, 15 IRE, Sens-Up 512x, Color)
  0.00002Lux (F1.2, 15 IRE, Sens-Up 512x, B/W)
- SCC-B5397 : f=2.5~6 mm, Auto Iris Lens
  SCC-B5399 : f=2.8~11 mm, Auto Iris Lens
- Wide Dynamic Range (WDR)
- Virtual Progressive Scan (VPS)
- Internal/Linelock (Phase Control) Function
- Day/Night Function (ICR), Sens-Up Function (512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- Multi-Language OSD support
- Intelligent Video (Moved / Fixed / Fence / Area / Tracking)
- Anti Vandal type, IP-66, Surface type
- DC12V & AC24V 60Hz(50Hz)
- 3-Way Gimbals Structure
- Applicable Wall mount adaptor : SADT-102WM

Dimensions (unit:mm)

∅150

121

Specifications

Model			SCC-B5397N/B5399N	SCC-B5397P/B5399P
Camera Type	Color/BW		Color	
Image	Device		1/3" Super-HAD PS CCD	
	Pixels	Effective	768 x 494	752 x 582
Scanning	System		Interlace	
	Horizontal	Internal Mode	15,734 Hz	15,625 Hz
	Frequency	Line-lock Mode	15,750 Hz	15,625 Hz
	Vertical	Internal Mode	59.94 Hz	50 Hz
	Frequency	Line-lock Mode	60 Hz	50 Hz
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up off	0.12Lux(15 IRE), 0.2Lux(30 IRE), 0.4Lux(50 IRE)@F1.2	
		Sens-up	0.00023Lux(15 IRE), 0.0005Lux(30 IRE), 0.0008Lux(50 IRE)@F1.2	
	B/W	Sens-up off	0.012Lux(15 IRE), 0.02Lux(30 IRE), 0.04Lux(50 IRE)@F1.2	
		Sens-up	0.000023Lux(15 IRE), 0.00005Lux(30 IRE), 0.00008Lux(50 IRE)@F1.2	
Functions	Number of Privacy Zone		12 (Polygonal Method)	
	Day/Night		Color/BW/AUTO/EXT (ICR)	
	Motion Detection		Off/On	
	Wide Dynamic Range		Off/On	
	D-Zoom		1x ~16x (0.1x STEP)	
	High Speed Shutter		1/60 ~1/10Ksec(OSD)	1/50 ~ 1/10Ksec(OSD)
	Sens Up / BLC / AGC		2x ~ 512x / Off/On / Off/On	
	Line Lock / Anti Vandal		Off/On (Phase Control) / Yes	
	Camera ID / White Balance		Off/On (Max.54ea/2Lines) / ATW1/ATW2/AWC/MANUAL	
	eXtended Dynamic Range		Off/Low/Mid/High	
	Digital Noise Reduction		Off/On	
	Digital Image Stabilization		Off/On	
	Intelligent Video / PIP		Off/On(Moved / Fixed / Fence / Area / Tracking) / Off/On	
	Virtual Progressive Scan		Off/On	
	Etc. Function		Detail, Reverse(H/V), Posi/Nega	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length		SCC-B5397 : 2.5~6mm / SCC-B5399 : 2.8~11mm	
	Zoom ratio		SCC-B5397 : 2.4x / SCC-B5399 : 3.4x	
	Aperature Ratio		F1.2	
	Viewing	Tele	SCC-B5397:46°(H) x 34°(V) / SCC-B5399:28.8°(H) x 21.6°(V)	
	Angle	Wide	SCC-B5397:108°(H) x 80°(V) / SCC-B5399:94.6°(H) x 68.4°(V)	
	Lens Drive Type / Mount Type		AI(DC) / Board Type	
OSD			Yes	
Remote Control	CCVC / RS485		Yes (with SCX-RD100) / Yes (Multi Protocol, 8ea)	
Environmental Conditions	Operating Temperature		Absolute : -10℃ ~ +50℃ / Sustained : -20℃ ~ +60℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC ±10%/12 VDC ±10%	
Physical Specification	Dimensions		150(ø) x 121(H) mm	
	Weight		1,000g	
	Color	Body	White	

# 22x Zoom SmartDome Camera
SCC-641/643A

Features

- Accurately captures distant object with the maximum 220x zoom.
- Possible to connect up to a maximum of 256 cameras using the exclusive controller (SSC-1000) made by Samsung, which can control a range of functions including pan, tilt, zoom, preset and manual focus
- Min. scene illumination : 0.005(color)/0.0005(B/W) Lux
- Day/Night (SCC-643A)
- Privacy zone (SCC-643A)
- Up to 128 preset points
- 360° horizontal and 180° vertical turning while searching, at a maximum speed of 240°/sec
- Motion detection
- Alarm Input: 4Ch, Alarm Output: 3Ch
- Horizontal resolution : 480 TV Lines
- Remote control through RS-485/RS-422
- Pan/tilt/zoom/focus can be controlled from a PC (separate software required)
- Applicable Wall mount adaptor : SADT-100WM

Dimensions (unit:mm)

∅ 159.5

94.5

177
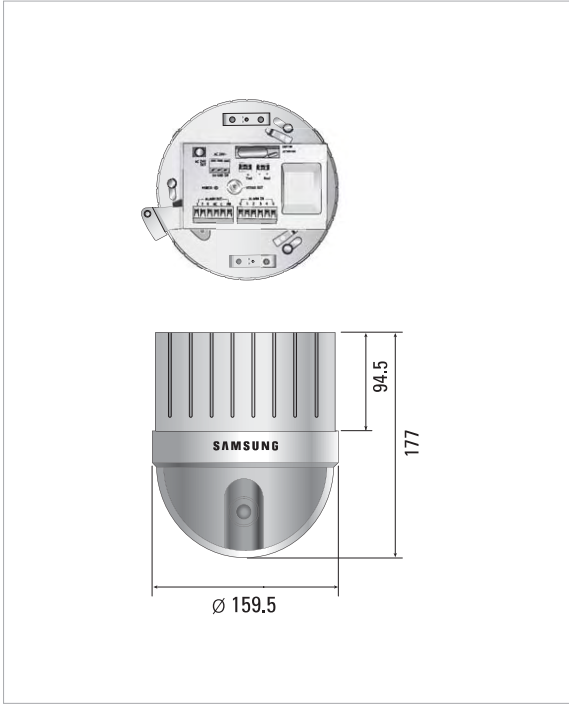
Specifications

| Model			SCC-641	SCC-643A
Image	Device		1/4" Pixles Super HAD CCD	
	Effective Pixels		NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)	
Scanning Method			2:1 Interlace	
Scanning Line	Horizontal		NTSC : 15.750Hz / PAL : 15.625Hz	
Frequency	Vertical		NTSC : 60Hz / PAL : 50Hz	
Synchronization Method			Internal/ Line Lock	
Horizontal Resolution			480 TV Lines	
Min. Scene Illumination	Color		0.005(Sens-up 128x, 15IRE)Lux	
	B/W		-	0.0005(Sens-up 128x,15IRE)Lux
Pan/Tilt	Manual Pan		Pan : 0.8°~90°/sec (64step)	
	Tilt Speed		Tilt : 0.8°~45°/sec (64step)	
	Preset Pan/Tilt Speed		Pan : Max 240°/sec / Tilt : Max 150°/sec	
	Pan/Tilt Range		Pan : 360° Endless / Tilt : 0°~ 90°	
	Number of Preset		128 Presets	
	Number of Pattern		3 (30sec x 3)	
Lens	Zoom Ratio		220x (22x Optical Zoom, 10x Digital Zoom)	
	Focal Length		3.6~79.2mm	
	Aperature Ratio		F1.6(Wide), F3.8(Tele)	
	Viewing	Tele	2.3°(H) x 1.7°(V)	
	Angle	Wide	47.9°(H) x 36.9°(V)	
Functions	Sens Up		128x (Auto/Fix)	
	Digital Effect		H-Mirror, Picture in Picture (D Zoom)	
	White Balance		ATW/AWC/Manual	
	BLC		On (Zone Setting, Position Designation)/ Off	
	Privacy Zone		-	Possible to Set 8 Zones
Signal Output			VBS 1.0Vp-p(75 ohm, Composite)	
S/N Ratio			52dB	
Input/Output	Image Output		BNC	
	Remote Control		RS-485(Half Duplex) / RS-422	
	Address Range		1~128	
	Alarm Input		4 NO/NC(5mA Sink)	
Operating Temperature			-10℃ ~ +50℃	
Operating Humidity			Maximum 90% RH	
Power Requirment			AC24V	
Power Consumption			18W	
Weight			2,000g	
Dimensions			159.5(ø) x 177(D)mm	

32x Zoom DayNight SmartDome Camera
SCC-C6403

Features

- 1/4" 410K/470K Pixels Super-HAD CCD
- DIS (Digital Image Stabilizer)
- 320x zoom, through a combination of 32x optical zoom and 10x digital zoom
- Min. scene illumination : 0.005(color)/0.0005(B/W) Lux
- Day/Night
- 350° horizontal turning and 0~90° vertical turning while searching, at a maximum speed of 400°/sec (pan speed)
- 128 preset points
- Alarm input : 4Ch, Alarm output : 3Ch
- Exclusive controller (SSC-1000/5000)
  - Remote control through RS485 and RS422
  - Possible to connect up to a maximum of 256 cameras, and control a wide range of functions such as pan, tilt, zoom, preset and manual focus
- Applicable Accessories : SADT-100WM, SHG-120/220
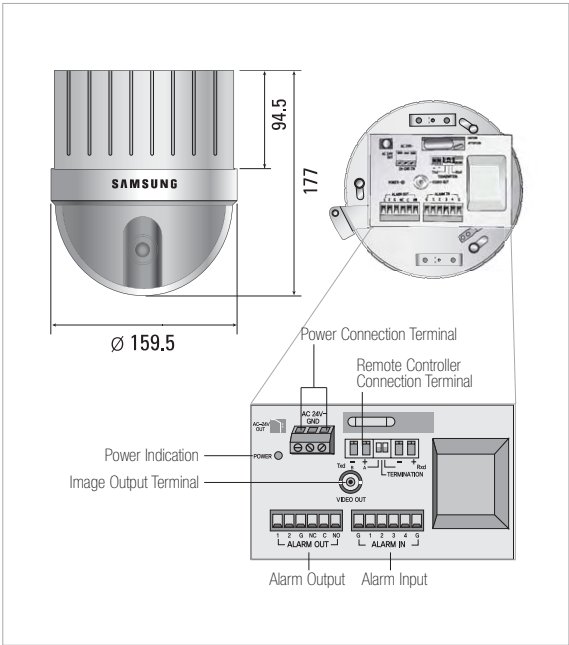
Specifications

Model		SCC-C6403	SCC-C6403P
Image	Device	1/4" Super-HAD CCD	1/4" Super-HAD CCD
	Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning Method		2:1 Interlace	
Synchronization Method		Internal/Line lock	
Horizontal Resolution		480 TV Lines	
Min. Scene Illumination	Color	0.005 (Sens-up 128x,15IRE)Lux	
	B/W	0.0005 (Sens-up 128x,15IRE)Lux	
Pan/Tilt	Manual Pan/Tilt Speed	Pan : 0.1˚ ~ 180˚/sec(64 Steps) / Tilt : 0.1˚ ~ 90˚/sec(64 Steps)	
	Preset Pan/Tilt Speed	Pan : 400˚/sec / Tilt : 200˚/sec	
	Preset Pan/Tilt Rage	350˚ Non-Endless	
	Pan/Tilt Range	Pan : 350˚ / Tilt : 0˚~ 90˚	
	Number of Auto Pan	4	
	Number of Preset	128	
	Number of Pattern	2min x 3	
Lens	Zoom Ratio	320x(32x Optical, 10x Digital)	
	Focal Length	3.55 ~ 113mm	
	Apeture Ratio	Tele : F4.17, Wide : F1.69	
	Viewing	Tele	1.78˚(H) x 1.34˚(V)	
	Angle	Wide	56.41˚(H) x 43.01˚(V)	
Functions	Day/Night	Color/BW/Auto (ICR)	
	Shutter Speed	Off ~ 1/10,000 sec	
	Sens Up	128x	
	BLC	Off/On	
	AGC	Off/Low/High	
	Line Lock	Yes	
	Camera ID	Max. 20 Characters	
	White Balance	ATW1/ATW2/AWC/Manual	
Signal Output		VBS 1.0Vp-p, 74ohm, BNC	
S/N Ratio		50dB	
Input/Output	Image Output	1 BNC	
	Alarm Input	4 NO/NC (5mA Sink)	
	Alarm Output	3 (2 Open Collector, 1 Relay)	
	Remote Control	RS485(Half & Full Duplx) / RS422	
	Power	Terminal Block(3-Pin)	
Operating Temperature		-10˚C ~ 50˚C	
Operating Humidity		Maximum 90% RH	
Power Requirment		AC24V	
Power Consumption		18W	
Weight		1,700g	
Dimensions		159.5(ø) x 177(D)mm	

Dimensions (unit:mm)

94.5
177
Ø 159.5
Power Connection Terminal
Remote Controller Connection Terminal
Power Indication
Image Output Terminal
Alarm Output   Alarm Input


22x Zoom DayNight WDR SmartDome Camera
SCC-C6405

Features

- 22x motorized optical zoom with 10x digital zoom
- High-speed pan/tilt (400º/sec)
- 1/4" 410K/470K Pixels Ex-View HAD CCD
- Horizontal resolution : 480 TV Lines
- DSP (Digital Signal Processor)
- WDR (Wide Dynamic Range)
- Day/Night
- External eynchronization with line lock
- Motion detection with alarming output
- On-screen menus (multi-language)
- Inner rotor BLDC motor
- Min. scene illumination : 0.002(color)/0.0002(B/W) Lux
- 4 alarm inputs, 3 alarm outputs
- Privacy zone
- Applicable Accessories : SADT-100WM, SHG-120/220
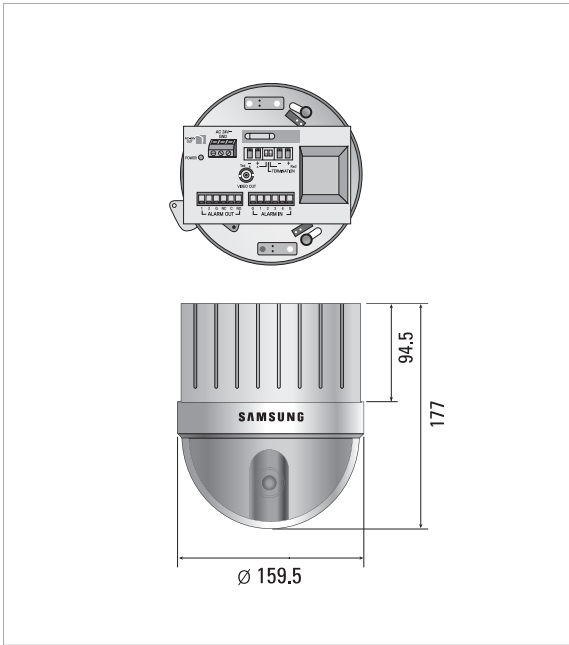
Specifications

Model		SCC-C6405	SCC-C6405P
Image	Device	1/4" Ex-View HAD CCD	
	Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning Method		Interlace	
Synchronization Method		Internal/Line lock	
Horizontal Resolution		480 TV Lines	
Min. Scene Illumination	Color	0.002(Sens-up 160x,15IRE)Lux	
	B/W	0.0002(Sens-up 160x,15IRE)Lux	
Pan/Tilt	Manual Pan/Tilt Speed	Pan : 0.1˚/sec~180˚/sec(64step) / Tilt : 0.1˚/sec~90˚/sec(64step)	
	Preset Pan/Tilt Speed	Pan : 400˚/sec(Max) / Tilt : 200˚/sec(Max)	
	Panning Range	360˚/sec(Endless)	
	Tilt Range	0˚~ 180˚	
	Number of Auto Pan	4	
	Number of Preset	128	
	Number of Pattern	3	
Lens	Zoom Ratio	22x	
	Focal Length	3.6 ~ 79.2mm	
	Apeture Ratio	F1.6(Wide), F3.8(Tele)	
	Viewing	Tele	2.3˚(H) x 1.7˚(V)	
	Angle	Wide	47.9˚(H) x 36.9˚(V)	
Functions	Wide Dynamic Range	Off/On	
	Day/Night	Color / BW / Auto (ICR)	
	High Speed Shutter	Off ~ 1/10Ksec	
	Sens Up	Off ~ 160x	
	BLC	Off/On	
	AGC	Off/Low/High	
	Line lock	On/Off	
	Camera ID	Off/On	
	White Balance	ATW1/ATW2/AWC/Manual	
Signal Output		VBS 1.0Vp-p	
S/N Ratio		50dB	
Input/Output	Alarm Input	4	
	Alarm Output	3	
	Remote Control	RS485 / RS422	
Operating Temperature		-10˚C ~ +50˚C	
Power Requirment		AC24V	
Power Consumption		18W	
Weight		1,700g	
Dimensions		159.5(ø) x 177(D)mm	

Dimensions (unit:mm)

94.5
177
Ø 159.5

32x Zoom DayNight WDR SmartDome Camera
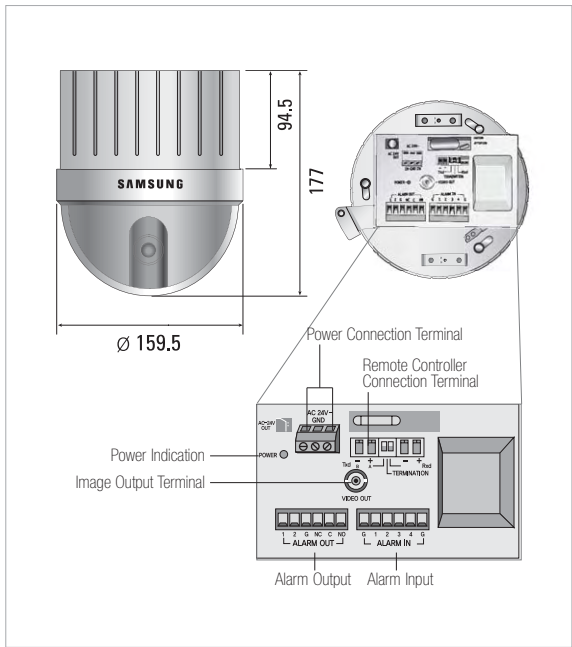# SCC-C6407

Features

- 1/4" 410K/470K Pixels Ex-View CCD
- DIS (Digital Image Stabilizer)
- 320x zoom, through a combination of 32x optical Zoom and 10x digital zoom
- Min. scene illumination : 0.002(color)/0.0002(B/W) Lux
- Day/Night
- 128x WDR (Wide Dynamic Range)
- Possible to connect up to a maximum of 256 cameras using the exclusive controller (SSC-1000/5000), which can control a variety of functions such as pan, tilt, zoom, preset, pattern and manual focus
- 360° horizontal and 180° vertical turning, at a maximum speed of 400°/sec
- Maximum 128 preset
- Motion detection (zones and sensitivity levels set by user)
- Alarm Input : 8ch, Alarm Output : 3ch
- Maximum of 12 privacy zones
- Remote control through RS485 and RS422 (using SSC-1000/5000)

Dimensions (unit:mm)

94.5
177
Ø 159.5

Power Connection Terminal
Remote Controller Connection Terminal
Power Indication
Image Output Terminal
Alarm Output   Alarm Input

Specifications

Model		SCC-C6407	SCC-C6407P
Image	Device	1/4" Ex-View CCD	1/4" Ex-View CCD
	Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning Method		Interlace	
Scanning Line	Horizontal	15.750KHz	15.625Hz
Frequency	Vertical	60Hz	50Hz
Synchronization Method		Internal/Line Lock	
Horizontal Resolution		480 TV Lines	
Min. Scene	Color	0.002(Sens-up 160x,15IRE)Lux	
Illumination	B/W	0.0002(Sens-up 160x,15IRE)Lux	
Pan/Tilt	Manual Pan/Tilt Speed	Pan : 0.1 ~ 180°/sec(64 steps) / Tilt : 0.1 ~ 90°/sec(64 steps)	
	Preset Pan/Tilt Speed	Pan : 400°/sec / Tilt : 200°/sec	
	Preset Pan/Tilt Rage	Pan : 360°(endless) / Tilt : 0°~ -183°	
	Pan/Tilt Range	Pan : 360° (endless) / Tilt : 0°~ 180°	
	Number of Auto Pan	4	
	Number of Preset	128	
	Number of Pattern	3 (2min x3)	
Lens	Zoom Ratio	320x (32x Optical, 10x Digital)	
	Focal Length	3.55 ~ 113mm	
	Aperture Ratio	Tele : F4.17, Wide : F1.69	
	Viewing	Tele	1.78°(H) x 1.34°(V)	
	Angle	Wide	56.41°(H) x 43.01°(V)	
Functions	Wide Dynamic Range	Off/On(128x)	
	Day/Night	Color / BW / Auto / EXT (ICR)	
	Motion Detection	Off/On (Area/Sensitivity Setting)	
	High Speed Shutter	Yes (Off ~ 1/10K)	
	Sens Up	Off/Auto (2x ~ 160x)	
	BLC / AGC	Off/On / Off/On	
	Line Lock	Yes	
	Camera ID	Max. 20 Characters	
	White Balance	ATW1/ATW2/AWC/Manual	
	Privacy Zone	12 Zones (Mosaic)	
Signal Output		VBS 1.0Vp-p(75 Ohm, Composite)	
S/N Ratio		50dB(AGC Off)	
Input/Output	Image Output	BNC	
	Alarm Input	8 NO/NC (5mA Sink)	
	Alarm Output	3 (Open Collector 1 Relay)	
	Remote Control	RS485(Half & Full Duplex) / RS422	
	Power	Terminal Block(3-Pin)	
Operating Temperature		-10°C~ +50°C	
Operating Humidity		Maximum 90% RH	
Power Requirment		AC24V	
Power Consumption		22W	
Weight		1,700g	
Dimensions		159.5(ø) x 177(D)mm	

When Installing on the Ceiling

For Embedding

Ceiling Mount Bracket (SBR-100DCM)

Dome Camera (SCC-C6407)

For Indoor Use

Ceiling Mount Adaptor (SADT-100CM)

Indoor Housing (SHG-120)

Dome Camera (SCC-C6407)

For Outdoor Use

Ceiling Mount Adaptor (SADT-100CM)

Outdoor Housing (SHG-220)

Dome Camera (SCC-C6407)

When Installing on the Wall

For Indoor Use

Wall Mount Adaptor (SADT-100WM)

Indoor Housing (SHG-120)

Dome Camera (SCC-C6407)

For Outdoor Use

Wall Mount Adaptor (SADT-100WM)

Outdoor Housing (SHG-220)

Dome Camera (SCC-C6407)

Installation

SHG-120

SHG-220

SADT-100WM

SBR-100DCM

SADT-100CM   SADT-110CM   SADT-100PM

Accessories for SCC-C6407

SHG-120/220   SADT-100WM   SADT-100CM

SBR-100DCM   SADT-110CM   SADT-100PM

High Resolution SmartDome Camera
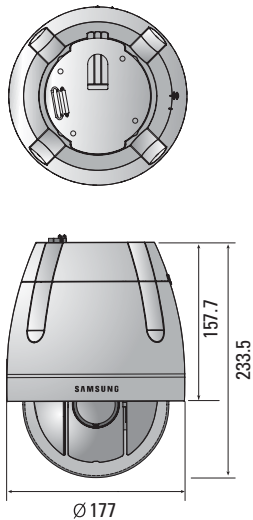# SCC-C6433/C6435

Features

- 1/4" 410K/470K Pixels CCD
- 32x optical zoom lens (16x D-zoom)
- High resolution : 540(Color) / 570(BW) TV Lines
- Day/Night
- Min. scene illumination :
  SCC-C6433 : 0.002 Lux (15 IRE, Sens-up 256x, Color)
  : 0.0002 Lux (15 IRE, Sens-up 256x, B/W)
  SCC-C6435 : 0.001 Lux (15 IRE, Sens-up 256x, Color)
  : 0.0001 Lux (15 IRE, Sens-up 256x, B/W)
- 128x(NTSC)/160x(PAL) WDR function (SCC-C6435 only)
- Full auto focus function
- Privacy mask zone (16 area)
- Pan (max 400°/sec), Tilt (200°/sec)
- 360° endless pan (Slip-ring), 0~180° tilt
- RTC function for schedule setting
- Multi-protocol (more than 8 companies), multi-OSD

Dimensions (unit:mm)
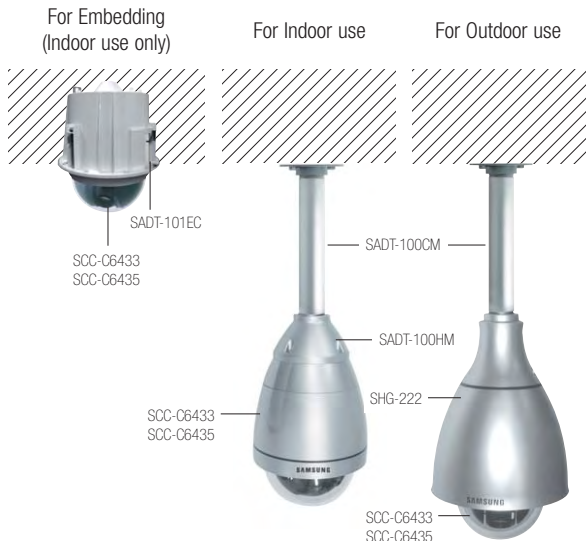
157.7
233.5
Ø 177

Specifications

Model		SCC-C6433	SCC-C6435
Camera Type		Color	
Image	Device	1/4" Super HAD CCD	1/4" Ex-View HAD CCD
	Effective NTSC	768(H) x 494(V)	768(H) x 494(V)
	Pixels PAL	752(H) x 582(V)	752(H) x 582(V)
Horizontal Resolution		540(Color) / 570(BW) TV Lines	
Min. Scene Illumination	Color	0.6 Lux(15IRE,Sens-up Off)	0.3 Lux(15IRE,Sens-up Off)
		0.002 Lux(15IRE, Sens-up 256x)	0.001 Lux(15IRE, Sens-up 256x)
	B/W	0.06 Lux(15IRE,Sens-up Off)	0.03 Lux(15IRE,Sens-up Off)
		0.0002 Lux(15IRE, Sens-up 256x)	0.0001 Lux(15IRE, Sens-up 256x)
PAN/TILT	Speed Manual Pan	0.1~180°/sec	
	Preset Pan	400°/sec	
	Manual Tilt	0.1~90°/sec	
	Preset Tilt	200°/sec	
	Range Panning	0~360° (Endless)	
	Tilting	0~180°	
	Number of Auto PAN	4	
	Number of Preset	128	
	Number of Pattern	3	
Lens	Focal Length	3.55 ~ 113mm	
	Zoom Ratio	32x Optical, 16x Digital	
	Aperture Ratio	F1.69(W)/F4.17(T)	
	Viewing Tele	1.78°(H) x 1.34°(V)	
	Angle Wide	56.41°(H) x 43.01°(V)	
Functions	Number of Privacy Zone	16	
	Day/Night	Color/BW/Auto (ICR)	
	Line Lock	INT/Line Lock	
	White Balance	ATW1/ATW2/AWC/MANUAL	
	D-Zoom	Yes (~16x)	
	High Speed Shutter	Yes (OFF ~ 1/10K)	
	Motion Detection	Yes	
	Sens Up	Yes (2x ~ 256x)	
	Camera ID	Max 20 Character	
	Remote Control	RS485(Half & Full Duplex) / RS422	
	Alarm Input	8	
	Output	3(Open Collector 1 relay)	
	Wide Dynamic Range	N/A	Yes
Video Output		VBS 1.0Vp-p	
S/N Ratio		50 dB	
Operating Temperature		-10°C ~ + 50°C	
Operating Humidity		Less than 90%	
Power Requirement		NTSC : AC24 V, 60Hz / PAL : AC24 V, 50Hz	
Power Consumption		19W	20W
LED Indicator		Yes	
Dimensions		177(ø) X 233.5(H)mm	
Weight		2,400g	
Color		Silver	

Installation Guide

Ceiling Installation

For Embedding (Indoor use only)
SADT-101EC
SCC-C6433 SCC-C6435

For Indoor use
SADT-100CM
SADT-100HM
SHG-222
SCC-C6433 SCC-C6435

For Outdoor use
SCC-C6433 SCC-C6435

Pole Installation

For Indoor use
SADT-100PM
SADT-104WM
SCC-C6433 SCC-C6435

For Outdoor use
SADT-103WM
SHG-222
SCC-C6433 SCC-C6435
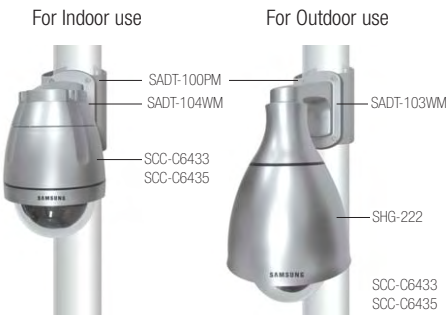
Pole (1.5" NPT) Installation

SHG-222
SCC-C6433 SCC-C6435

Wall Installation

For Indoor use
SADT-104WM
SCC-C6433 SCC-C6435

For Outdoor use
SADT-103WM
SHG-222
SCC-C6433 SCC-C6435

Corner Installation

For Indoor use
SADT-110CM
SADT-104WM
SCC-C6433 SCC-C6435

For Outdoor use
SADT-103WM
SHG-222
SCC-C6433 SCC-C6435
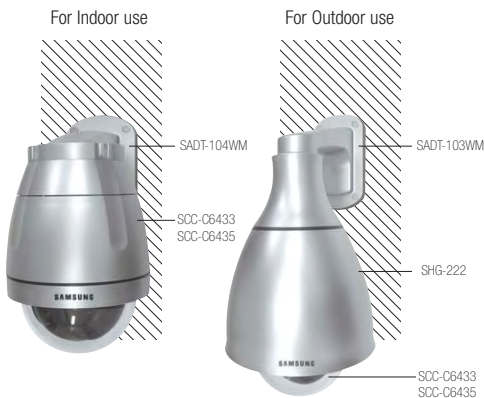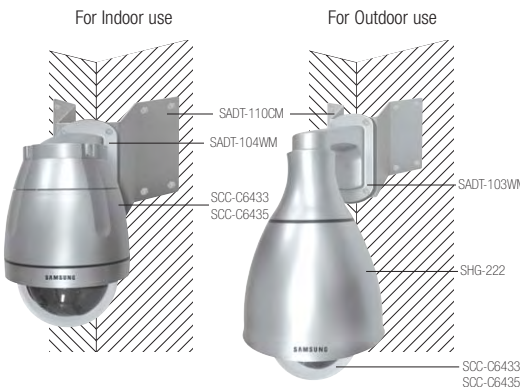
# High Resolution SmartDome Camera
SCC-C7433/C7435

Features

- 1/4" 410K/470K Pixels Ex-View HAD PS CCD (SCC-C7435)
  1/4" 410K/470K Pixels Super HAD IT CCD (SCC-C7433)
- 32x optical zoom lens (16x D-zoom)
- High resolution : 540(Color)/570(BW) TV lines
- Day/Night
- Min. scene illumination :
  SCC-C7435 : 0.001 Lux (15 IRE, Sens-up 256x, Color)
  SCC-C7433 : 0.002 Lux (15 IRE, Sens-up 256x, Color)
- 128x(NTSC) / 160x(PAL) WDR function (SCC-C7435)
- Full auto focus function
- Pan (max 400°/sec), tilt (200°/sec)
- 360° endless pan(slip-ring), 0~180° tilt
- RTC function for schedule setting
- Multi-protocol (more than 8 companies), multi-OSD
- Remote control : RS485(half & full duplex) / RS-422
- Operating temp : -45℃~50℃ (with fan / heater)
- Water / dust resistant (IP66)
- Applicable bracket : SADT-100CM, SADT-103WM
                       SADT-100PM, SADT-110CM

Dimensions (unit:mm)
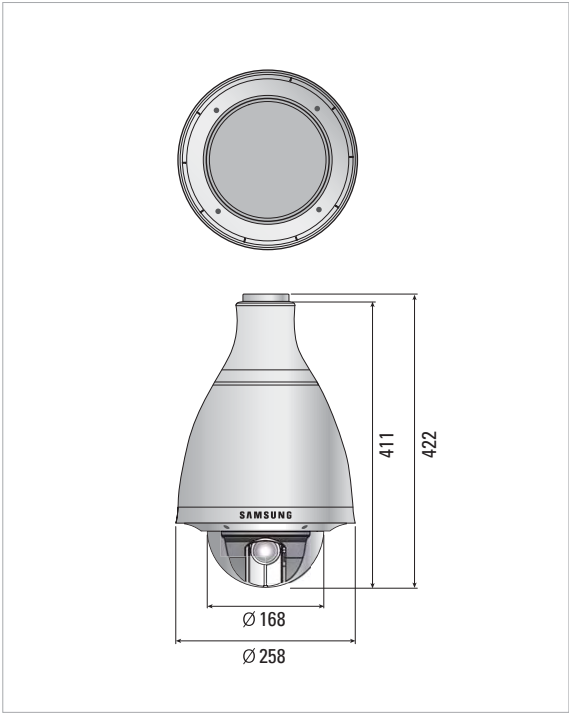
Specifications

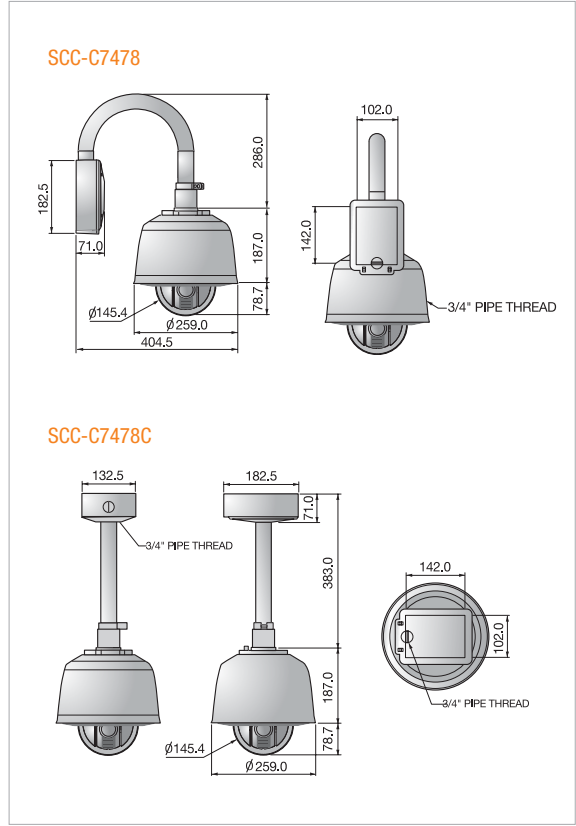| Model			SCC-C7433	SCC-C7435
Camera Type			Color	
Image	Device		1/4" Super-HAD IT CCD	1/4" Ex-View HAD PS CCD
	Effective Pixels		NTSC : 768 x 494 / PAL : 752 x 582	
Horizontal Resolution			540(Color)/570(BW) TV Lines	
Min. Scene Illumination	Color		0.6Lux(15IRE,Sens-up Off)	0.3Lux(15IRE, Sens-up Off)
			0.002Lux(15IRE, Sens-up 256x)	0.001Lux(15IRE, Sens-up 256x)
	B/W		0.06Lux(15IRE,Sens-up Off)	0.03Lux(15IRE,Sens-up Off)
			0.0002Lux(15IRE, Sens-up 256x)	0.0001Lux(15IRE, Sens-up 256x)
PAN/TILT	Speed	Manual Pan	0 ~180°/sec	
		Preset Pan	400°/sec	
		Manual Tilt	0.1~90°/sec	
		Preset Tilt	200/sec	
	Range	Panning	0~360°/sec (Endless)	
		Tilting	0~180°	
	Number of Auto PAN		4	
	Number of Preset		128	
	Number of Pattern		3	
Lens	Focal Length		3.55 ~ 113mm	
	Zoom ratio		32x Optical, 16x Digital	
	Aperture Ratio		F1.69(W)/F4.2(T)	
	Viewing Angle	Tele	1.78°(H) x 1.34°(V)	
		Wide	56.41°(H) x 43.01°(V)	
Functions	Number of Privacy Zone		16	
	Day/Night		Color/BW/Auto (ICR)	
	Line Lock		INT/Line Lock	
	White Balance		ATW1/ATW2/AWC/MANUAL	
	D-Zoom		Yes(~16x)	
	High Speed Shutter		Yes (OFF ~ 1/10K)	
	Motion Detection		Yes	
	Sens Up		Yes(2x ~ 256x)	
	Camera ID		Max 20 Character	
	Remote Control		RS485(Half&Full Duplex) / RS422	
	Alarm	Input	8	
		Output	3(Open Collector 1 relay)	
	Wide Dynamic Range		N/A	Yes
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			50 dB	
Operating Temperature			-45℃ ~ + 50℃	
Operating Humidity			Less than 90%	
Power Requirement			NTSC : AC24V, 60Hz / PAL : AC24V, 50Hz	
Power Consumption			24W (Only Camera) / 55W (With Fan & Heater)	
LED Indicator			Yes	
Dimensions			258(∅) x 422(H)mm	
Weight			5,950g	
Color			Silver	

36x Zoom SmartDome Camera
SCC-C7478/C7478C

Features

- 1/4" 410K/470K Pixels ExView-HAD PS CCD
- 36x(f=3.4~122.4 mm) Optical Zoom Lens(12x D-Zoom)
- High-Resolution : 540(Color)/570(BW) TV Lines
- Day/Night function(ICR)
- Full Auto Focus function
- Min. scene illumination
- Privacy Mask Zone (8 Area)
- 360° Endless PAN (Slip-ring), 0~180° Tilt
- PAN Speed(Max 360°/sec), Tilt Speed(360°/sec)
- Multi-Protocol support(Pelco-P/D, Samsung)
- Remote Control : RS485/422
- Alarm In(8ea)/Out(4ea)
- Time & Day Scheduling function
- Vector Driving(Pan/Tilt opreration simultaneously)
- AC24V

Dimensions (unit:mm)

SCC-C7478

SCC-C7478C

Specifications

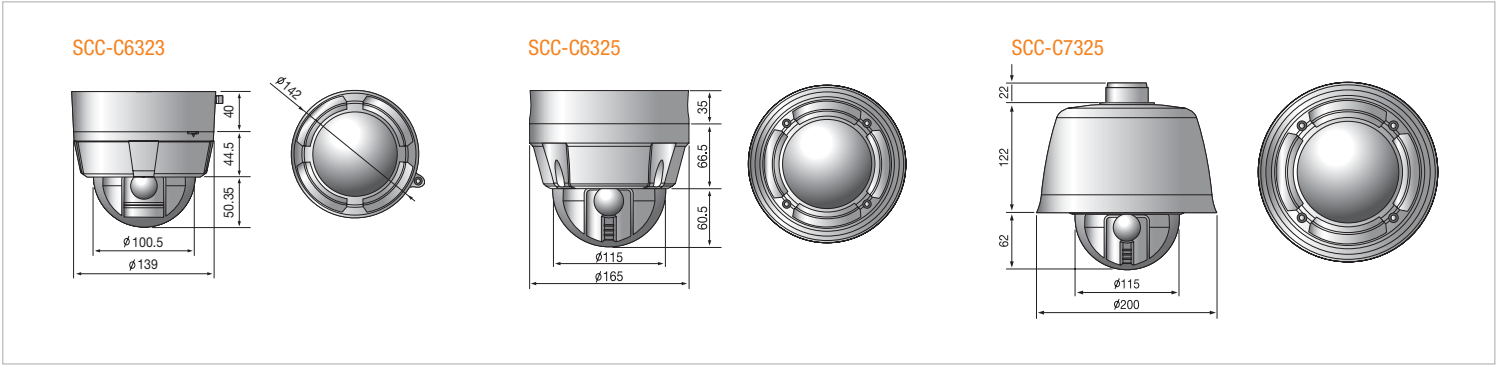| Model			SCC-C7478/C7478C			
Camera Type	Color/BW		Color			
Image	Device		1/4" ExView-HAD Progressive Scan CCD			
	Pixels	Effective	NTSC : 768 x 494 / PAL : 752 x 582			
Resolution	Horizontal		540(Color) / 570(BW) TV Lines			
Min. Scene Illumination	Color/BW		Illumination	Sens-up	Color	B/W(S/W)
			50IRE	Off	1.40Lux	0.15Lux
			30IRE	Off	0.84Lux	0.09Lux
			15IRE	Off	0.42Lux	0.0450Lux
			50IRE	64times	0.0219Lux	0.0023Lux
			30IRE	64times	0.0131Lux	0.0014Lux
			15IRE	64times	0.0066Lux	0.0007Lux
PAN/TILT	Speed	Manual Pan	0.05°~360°			
		Preset Pan	360°			
		Manual Tilt	0.05°~360°			
		Preset Tilt	360°			
	Range	Panning	0°~360°(Endless)			
		Tilting	180°			
	Number of Auto PAN		8			
	Number of Preset		127			
	Number of Pattern		4			
Lens	Focal Length		3.4 ~ 122.4mm			
	Zoom Ratio		36x Optical, 12x D-Zoom			
	Aperture Ratio		F1.6(W)/F4.5(T)			
	Viewing Angle	Tele	1.70°(H) x 1.27°(V)			
		Wide	57.80°(H) x 43.35°(V)			
	Lens Drive Type		DC Auto Iris			
	Mount Type		Board-in type			
Functions	Number of Privacy Zone		8			
	Day/Night		Auto / Day / Night (ICR)			
	Wide Dynamic Range		On / Off			
	D-Zoom		Yes(~12x)			
	High Speed Shutter		1/60 ~ 1/10,000 sec			
	Sens Up		Yes(2x~64x)			
	BLC		On / Off			
	AGC		Auto/Manual(-3~28dB)			
	Anti Vandal		Yes			
	Camera ID		Dip switch adjustable			
	White Balance		Auto/Manual(Red, Blue Gain Adj.)			
S/N Ratio			More than 50 dB			
Video Output			VBS 1.0Vp-p			
OSD	OSD		Yes			
Alarm	Input		8			
	Output		4(Relay)			
Environmental Conditions	Operating Temperature		-45℃ ~ +50℃			
	Operating Humidity		Less than 90%			
Power	Power Requirement		AC24V, 24W(without Fan/Heater) / 57W(with Fan/Heater)			
Physical Specification	Dimensions	Camera	259(∅) x 265.7(H)mm			
	Weight	Total	11,000g			
	Color	Body	Light Gray			

10x Zoom Mini SmartDome Camera
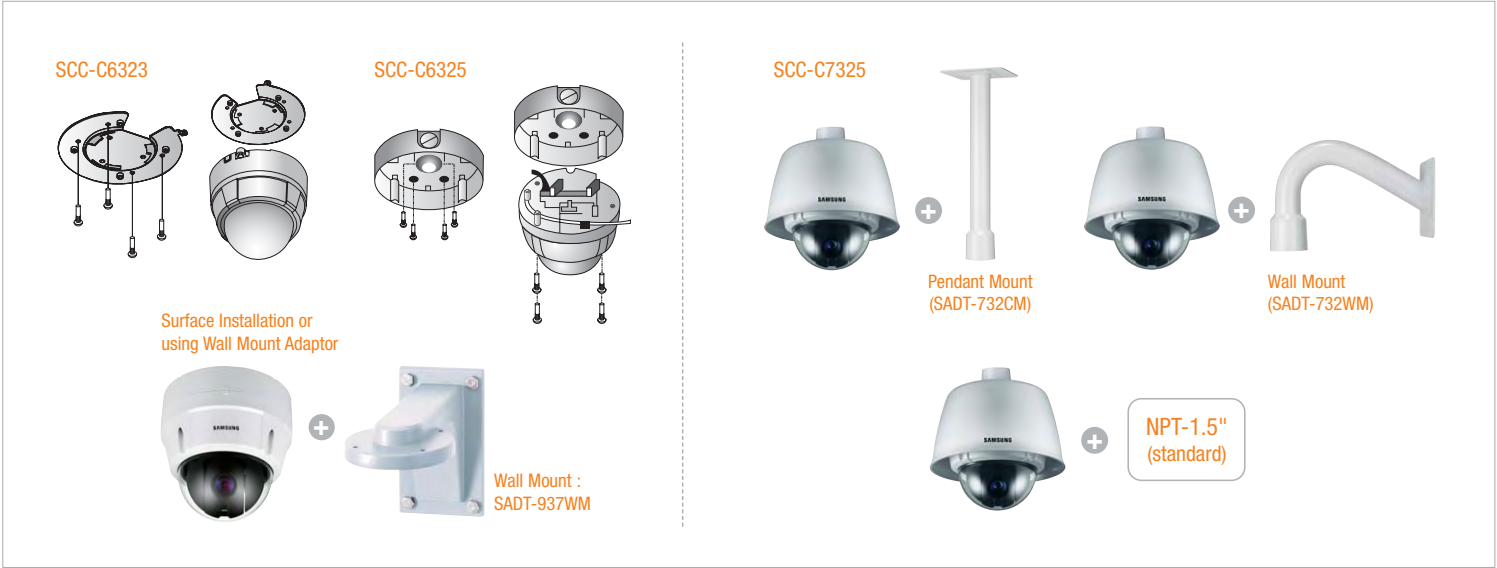# SCC-C6323/C6325
SCC-C7325

Features

- 1/4" 410K/470K Pixels Super-HAD IT CCD
- 10x(f=3.8~38 mm) Optical Zoom Lens (10x D-Zoom)
- High-Resolution : 520(Color)/570(BW) TV Lines
- Min. illumination(15IRE, Sens-up 128x) : 0.0014 Lux(Color), 0.00014 Lux(B/W)
- Day/Night function (ICR)
- Full Auto Focus function
- Privacy Mask Zone (4 Area)
- 360° Endless PAN (Slip-ring), 0~180° Tilt (SCC-C6323:0~90°)
- PAN Speed (Max 360°/sec), Tilt Speed (360°/sec)

- Multi-Protocol support
- Remote Control : RS485
- Time & Day Scheduling function
- Vector Driving (Panning/Tilting operation simultaneously)
- SCC-C6323 : Plastic case, Indoor, 142(Ø) x126(H)mm
  SCC-C6325 : Anti-Vandal, IP-66, 165(Ø) x162(H)mm
  SCC-C7325 : Anti-Vandal, IP-66, Sunshield, F/H, 200(Ø) x 206(H)mm
- AC24V/DC12V

Dimensions (unit:mm)

SCC-C6323   SCC-C6325   SCC-C7325

Easy Installation

SCC-C6323   SCC-C6325   SCC-C7325

Surface Installation or using Wall Mount Adaptor

Wall Mount : SADT-937WM

Pendant Mount (SADT-732CM)

Wall Mount (SADT-732WM)

NPT-1.5" (standard)

*SCC-C6325 IP66 Rating Indoor/Outdoor Application, SCC-C7325 IP66 Rating Outdoor Application

Specifications

Model			SCC-C6323	SCC-C6325	SCC-C7325
Camera Type	Color/BW		Color		
Image	Device		1/4" Super-HAD IT CCD		
	Pixels	Effective	NTSC : 768 x 494, PAL : 752 x 582		
Scanning	System		Interlace		
	Horizontal Frequency	Internal Mode	NTSC : 15,734Hz, PAL : 15,625Hz		
	Vertical Frequency	Internal Mode	NTSC : 59.94Hz, PAL : 50Hz		
Resolution	Horizontal		Color : 520TV Lines / BW : 570TV Lines		
Min. Scene Illumination	Sens-up Off	Color	0.60Lux(50IRE), 0.36Lux(30IRE), 0.18Lux(15IRE)		
		B/W	0.06Lux(50IRE), 0.036Lux(30IRE), 0.018Lux(15IRE)		
	Sens-up 128x	Color	0.0047Lux(50IRE), 0.0028Lux(30IRE), 0.0014Lux(15IRE)		
		B/W	0.00047Lux(50IRE), 0.00028Lux(30IRE), 0.00014Lux(15IRE)		
PAN/TILT	Speed	Manual Pan	0.05°/sec ~ 360°/sec		
		Preset Pan	360°/sec		
		Manual Tilt	0.05°/sec ~ 360°/sec		
		Preset Tilt	360°/sec		
	Range	Panning	0°~360° (Endless)		
		Tilting	90°	180°	
	Number of Auto PAN		8		
	Number of Preset		127		
	Number of Pattern		4		
Lens	Focal Length / Zoom ratio		3.8mm ~ 38mm / 10x Optical, 10x D-Zoom		
	Aperture Ratio		F1.8(W) / F2.8(T)		
	Viewing Angle	Tele / Wide	5.58°(H) x 4.27°(V) / 51.2°(H) x 39.3°(V)		
	Lens Drive Type / Mount Type		DC Auto Iris / Board-in type		
Functions	Number of Privacy Zone		4		
	Day/Night		Auto / Day / Night (ICR)		
	D-Zoom		Yes (~10x)		
	High Speed Shutter		NTSC : Yes (1/60~ 1/120,000 sec), PAL : Yes (1/50 ~ 1/120,000 sec)		
	Sens Up		OFF/AUTO		
	BLC		LOW/MIDDLE/HIGH/OFF		
	AGC		NORMAL/HIGH/OFF		
	Anti Vandal		No	Yes	Yes
	Camera ID		dip switch adjustable		
	White Balance		Auto/Manual (Red,Blue Gain Adj.)		
Video Output			VBS 1.0Vp-p		
S/N Ratio			50dB (AGC off)		
OSD			Yes		
Alarm	Input / Output		2 / 1 (relay)		
Remote Control			RS 485		
Environmental Conditions	Operating Temperature		-10℃~+50℃	-10℃~+50℃	AC24V:-40℃~+50℃ / DC12V:-15℃~+50℃
	Operating Humidity		Less than 90%		
Power	Power Requirement		NTSC : DC12V / AC24V 60Hz, PAL : DC12V / AC24V 50Hz		
	Power Consumption		AC24V(10W) / DC12V(8W)		AC24V : Heater Off(10W) / On(21W) DC12V : Heater Off(8W) / On(12W)
Physical Specification	Dimensions		142(Ø) x 126(H)mm / 142(Ø) x 4.9(H)inch	165(Ø) x 162(H)mm / 165(Ø) x 6.3(H)inch	200(Ø) x 206(H)mm / 200(Ø) x 8.1(H)inch
	Weight		600g (1.3 lb)	1,850g (4.0lb)	2,400g (5.2lb)
	Color	Body	White		

# 34x Optical Zoom High Speed Dome Camera
SCC-C6437/C6439 *NEW*

Features

- 1/4" SONY 410K/470K Pixels Super-HAD IT CCD (SCC-C6437)
  1/4" SONY 410K/470K Pixels Ex-View HAD PS CCD (SCC-C6439)
- 34x Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.0007 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  0.00007 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- 0~360° Endless Pan, -6~186° Tilting (D-Flip)
- Pan/Tilt Speed Min. 0.01°/sec, Max. 600°/sec
- Preset 512 ea, Auto Pan 4 ea, Pattern 3 ea
- Wide Dynamic Range (NTSC 128x, PAL 160x) : SCC-C6439 Only
- Virtual Progressive Scan (VPS) : SCC-C6439 Only
- Day Night Function (ICR), Sens-up Function (512x)

- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization)   • Time & Day Scheduling
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half/Full)/RS-422 Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Alarm Input 8 ea, Output 3 ea
- Operating Temp. : -10 ~ 50℃

Dimensions (unit:mm)

⌀178
140
219
⌀171
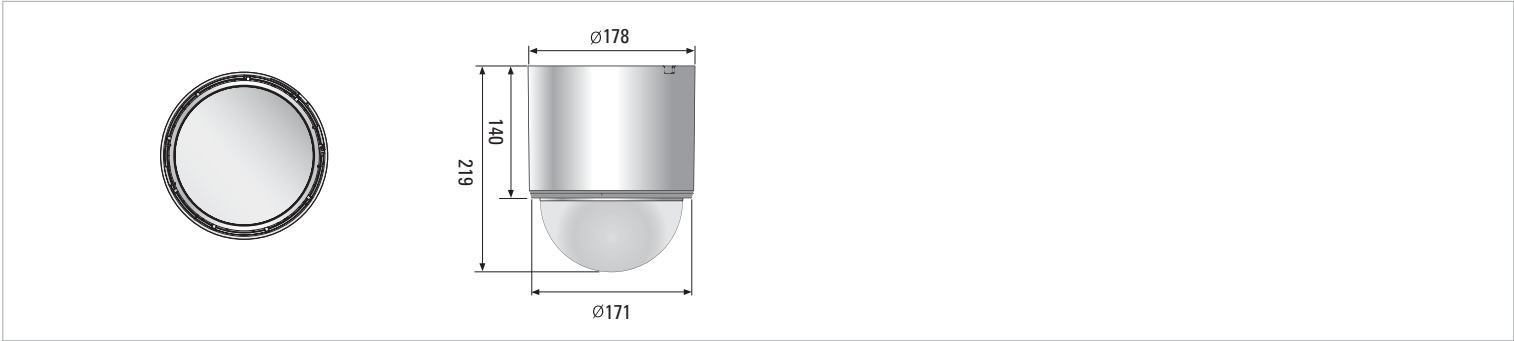
Specifications

Model			SCC-C6437	SCC-C6439
Camera Type	Color/BW		Color	
Image	Device		1/4" Super-HAD IT CCD	1/4" ExView-HAD PS CCD
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)	
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)	0.3Lux(15IRE), 0.7Lux(30IRE), 1.2Lux(50IRE)
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)	0.0007Lux(15IRE), 0.001Lux(30IRE), 0.002Lux(50IRE)
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)	0.03Lux(15IRE), 0.07Lux(30IRE), 0.12Lux(50IRE)
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)	0.00007Lux(15IRE), 0.0001Lux(30IRE), 0.0002Lux(50IRE)
Pan/Tilt	Speed	Manual Pan	0.01°/sec ~ 180°/sec	
		Preset Pan	600°/sec	
		Manual Tilt	0.01°/sec ~ 180°/sec	
		Preset Tilt	600°/sec	
	Range	Panning / Tilting	0°~360°(Endless) / -6°~186°	
	Number of Auto PAN		4 ea	
	Number of Preset		512 ea	
	Number of Pattern		3 ea	
Functions	Number of Privacy Zone		12 ea	
	Day/Night / Motion Detection		Auto / Day / Night(ICR) / Yes, Sensitivity 1~7 Level	
	Wide Dynamic Range		-	Yes (NTSC:128x, PAL:160x)
	D-Zoom / High Speed Shutter		Yes(~16x) / 1/100~1/10K sec	
	Sens Up / BLC		Yes(2x ~ 512x) / Off/On	
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)	
	Auto Focus		Manual / Auto (pan, tilt, zoom linked) / one AF	
	Syncronization		Internal / Line lock	
	Camera ID		Max 54 Character, 2 Line	
	VPS (Virtual Progressive Scan)		-	Yes
	XDR (eXtended Dynamic Range)		Off/On(Low/Middle/High)	
	DNR (Digital Noise Reduction)		Off/On(Low/Middle/High/User(3D/2D))	
	Schedule		Day / Time Schedule	
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length / Min. Object Distance		3.4 ~ 115.6mm / 100cm	
	Zoom Ratio / Aperature Ratio		34x Optical (544x with 16x Digital zoom) / F1.65(W)/F3.7(T)	
	Viewing Angle	Tele	1.47°(H) x 1.10°(V)0	
		Wide	61.22°(H) x 47.16°(V)	
	Lens Drive Type / Mount Type		DC Auto Iris / Board-in type	
OSD			Yes	
Alarm	Input / Output		8 ea / 3 ea (2 Open Collector, 1 relay)	
Remote Control			RS485(Half/Full Duplex)/RS422, CCVC	
Environmental Conditions	Operating Temperature		-10℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC	
	Power Consumption		11W	
	LED Indicator		Yes	
Physical Specification	Dimensions		178(Ø) x 219(H)mm	
	Weight		2.0kg	
	Color		Light Gray	

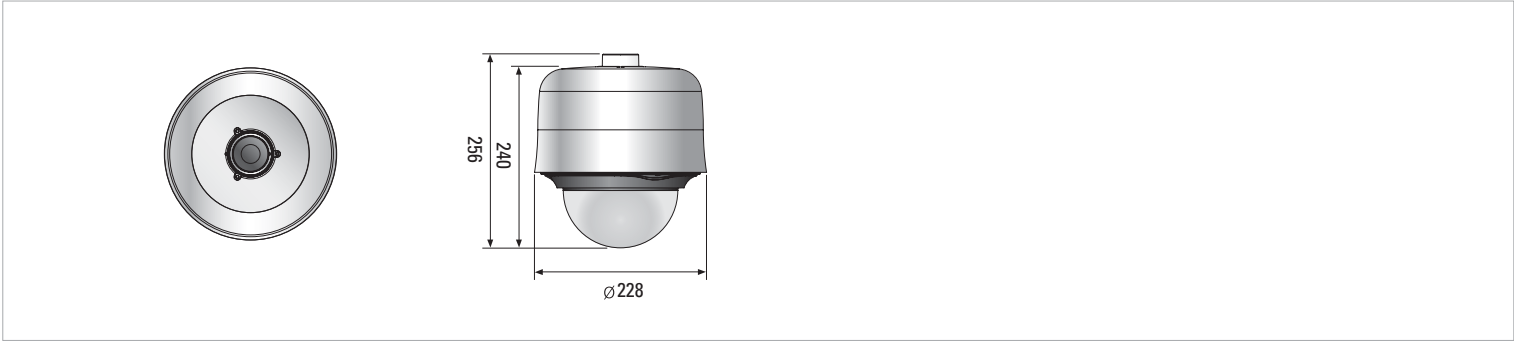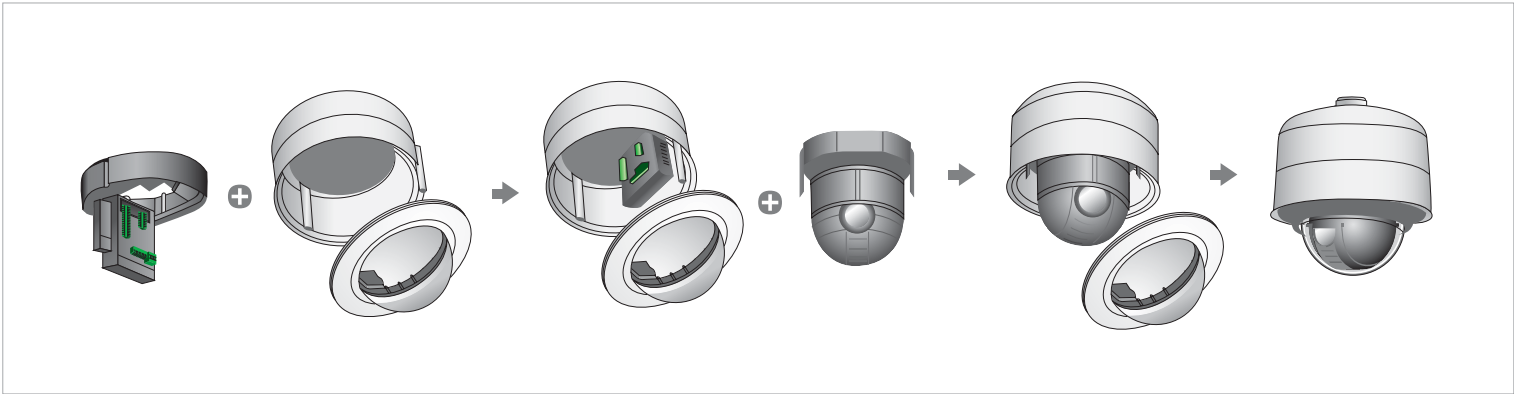# 34x Optical Zoom High Speed Dome Camera
SCC-C7437/C7439 *NEW*

Features

- 1/4" SONY 410K/470K Pixels Super-HAD IT CCD (SCC-C7437)
  1/4" SONY 410K/470K Pixels Ex-View HAD PS CCD (SCC-C7439)
- 34x Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.0007 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  0.00007 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- 0~360° Endless Pan, -6~186° Tilting (D-Flip)
- Pan/Tilt Speed Min. 0.01°/sec, Max. 600°/sec
- Preset 512 ea, Auto Pan 4 ea, Pattern 3 ea
- Wide Dynamic Range (NTSC 128x, PAL 160x) : SCC-C7439 Only
- Virtual Progressive Scan (VPS) : SCC-C7439 Only
- Day Night Function (ICR), Sens-up Function (512x)

- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization) • Time & Day Scheduling
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half/Full)/RS-422 Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Alarm Input 8 ea, Output 3 ea
- Operating Temp. : -50 ~ 50℃

Dimensions (unit:mm)

Easy Installation

Specifications

Model			SCC-C7437	SCC-C7439
Camera Type	Color/BW		Color	
Image	Device		1/4" Super-HAD IT CCD	1/4" ExView-HAD PS CCD
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)	
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)	0.3Lux(15IRE), 0.7Lux(30IRE), 1.2Lux(50IRE)
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)	0.0007Lux(15IRE), 0.001Lux(30IRE), 0.002Lux(50IRE)
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)	0.03Lux(15IRE), 0.07Lux(30IRE), 0.12Lux(50IRE)
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)	0.00007Lux(15IRE), 0.0001Lux(30IRE), 0.0002Lux(50IRE)
Pan/Tilt	Speed	Manual Pan	0.01°/sec ~ 180°/sec	
		Preset Pan	600°/sec	
		Manual Tilt	0.01°/sec ~ 180°/sec	
		Preset Tilt	600°/sec	
	Range	Panning / Tilting	0°~360°(Endless) / -6°~186°	
	Number of Auto PAN		4 ea	
	Number of Preset		512 ea	
	Number of Pattern		3 ea	
Functions	Number of Privacy Zone		12 ea	
	Day/Night / Motion Detection		Auto / Day / Night(ICR) / Yes, Sensitivity 1~7 Level	
	Wide Dynamic Range		-	Yes (NTSC:128x, PAL:160x)
	D-Zoom / High Speed Shutter		Yes(~16x) / 1/100~1/10K sec	
	Sens Up / BLC		Yes(2x ~ 512x) / Off/On	
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)	
	Auto Focus		Manual / Auto (pan, tilt, zoom linked) / one AF	
	Syncronization		Internal / Line lock	
	Camera ID		Max 54 Character, 2 Line	
	VPS (Virtual Progressive Scan)		-	Yes
	XDR (eXtended Dynamic Range)		Off/On(Low/Middle/High)	
	DNR (Digital Noise Reduction)		Off/On(Low/Middle/High/User(3D/2D))	
	Schedule		Day / Time Schedule	
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length / Min. Object Distance		3.4 ~ 115.6mm / 100cm	
	Zoom Ratio / Aperature Ratio		34x Optical (544x with 16x Digital zoom) / F1.65(W)/F3.7(T)	
	Viewing Angle	Tele	1.47°(H) x 1.10°(V)0	
		Wide	61.22°(H) x 47.16°(V)	
	Lens Drive Type / Mount Type		DC Auto Iris / Board-in type	
OSD			Yes	
Alarm	Input / Output		8 ea / 3 ea (2 Open Collector, 1 relay)	
Remote Control			RS485(Half/Full Duplex) / RS422, CCVC	
Environmental Conditions	Operating Temperature		-50℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC	
	Power Consumption		16W / 47W(with fan/Heater)	
	LED Indicator		Yes	
Physical Specification	Dimensions		228(Ø) x 256(H)mm	
	Weight		3.0kg	
	Color		Light Gray	

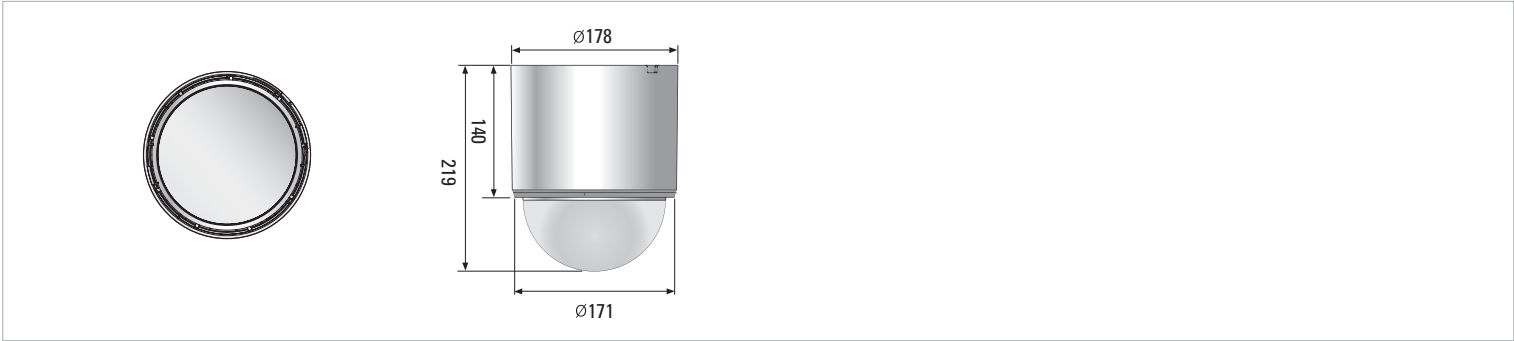# 43x Optical Zoom High Speed Dome Camera
SCC-C6453/C6455 NEW

Features

- 1/4" SONY 410K/470K Pixels Super-HAD IT CCD (SCC-C6453)
  1/4" SONY 410K/470K Pixels Ex-View HAD PS CCD (SCC-C6455)
- 43x Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.0007 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  0.00007 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- 0~360º Endless Pan, -6~186º Tilting (D-Flip)
- Pan/Tilt Speed Min. 0.01º/sec, Max. 600º/sec
- Preset 512 ea, Auto Pan 4 ea, Pattern 3 ea
- Wide Dynamic Range (NTSC 128x, PAL 160x) : SCC-C6455 Only
- Virtual Progressive Scan (VPS) : SCC-C6455 Only
- Day Night Function (ICR), Sens-up Function (512x)

- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization)   • Time & Day Scheduling
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half/Full)/RS-422 Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Alarm Input 8 ea, Output 3 ea
- Operating Temp. : -10 ~ 50℃

Dimensions (unit:mm)

Ø178
140
219
Ø171

Specifications

Model			SCC-C6453	SCC-C6455
Camera Type	Color/BW		Color	
Image	Device		1/4" Super-HAD IT CCD	1/4" ExView-HAD PS CCD
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)	
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)	0.3Lux(15IRE), 0.7Lux(30IRE), 1.2Lux(50IRE)
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)	0.0007Lux(15IRE), 0.001Lux(30IRE), 0.002Lux(50IRE)
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)	0.03Lux(15IRE), 0.07Lux(30IRE), 0.12Lux(50IRE)
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)	0.00007Lux(15IRE), 0.0001Lux(30IRE), 0.0002Lux(50IRE)
Pan/Tilt	Speed	Manual Pan	0.01°/sec ~ 180°/sec	
		Preset Pan	Max. 600o/sec	
		Manual Tilt	0.01°/sec ~ 180°/sec	
		Preset Tilt	600°/sec	
	Range	Panning / Tilting	0°~360°(Endless) / -6°~186°	
	Number of Auto PAN		4 ea	
	Number of Preset		512 ea	
	Number of Pattern		3 ea	
Functions	Number of Privacy Zone		12 ea	
	Day/Night / Motion Detection		Auto / Day / Night(ICR) / Yes, Sensitivity 1~7 Level	
	Wide Dynamic Range		-	Yes (NTSC:128x, PAL:180x)
	D-Zoom / High Speed Shutter		Yes(~16x) / 1/100~1/10K sec	
	Sens Up / BLC		Yes(2x ~ 512x) / Off/On	
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)	
	Auto Focus		Manual / Auto (pan, tilt, zoom linked) / one AF	
	Syncronization		Internal / Line lock	
	Camera ID		Max 54 Character, 2 Line	
	VPS(Virtual Progressive Scan)		-	Yes
	XDR(eXtended Dynamic Range)		Off/On(Low/Middle/High)	
	DNR(Digital Noise Reduction)		Off/On(Low/Middle/High/User(3D/2D))	
	Schedule		Day / Time Schedule	
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length / Min. Object Distance		3.2 ~ 138.5mm / 100cm	
	Zoom Ratio / Aperature Ratio		43x Optical (688x with 16x Digital zoom) / F1.65(W)/F3.7(T)	
	Viewing Angle	Tele	1.47°(H) x 1.10°(V)0	
		Wide	61.22°(H) x 47.16°(V)	
	Lens Drive Type / Mount Type		DC Auto Iris / Board-in type	
OSD			Yes	
Alarm	Input / Output		8 ea / 3 ea (2 Open Collector, 1 relay)	
Remote Control			RS485(Half/Full Duplex)/RS422, CCVC	
Environmental Conditions	Operating Temperature		-10℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC	
	Power Consumption		11W	
	LED Indicator		Yes	
Physical Specification	Dimensions		178(Ø) x 219(H)mm	
	Weight		2.0kg	
	Color		Light Gray	

# 43x Optical Zoom High Speed Dome Camera
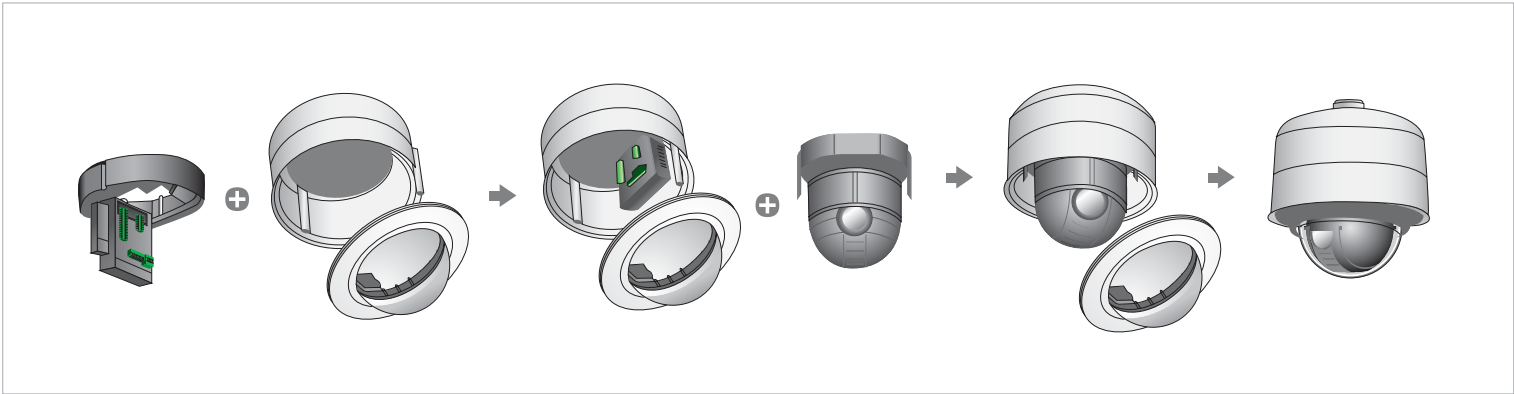
SCC-C7453/C7455 NEW

Features

- 1/4" SONY 410K/470K Pixels Super-HAD IT CCD (SCC-C7453)
  1/4" SONY 410K/470K Pixels Ex-View HAD PS CCD (SCC-C7455)
- 43x Optical & 16x(0.1step) Digital Zoom
- High Resolution : 600 TV Lines
- Min. illumination 0.0007 Lux (F1.2, 15 IRE, Sens-up 512x, Color)
  0.00007 Lux (F1.2, 15 IRE, Sens-up 512x, B/W)
- 0~360° Endless Pan, -6~186° Tilting (D-Flip)
- Pan/Tilt Speed Min. 0.01°/sec, Max. 600°/sec
- Preset 512 ea, Auto Pan 4 ea, Pattern 3 ea
- Wide Dynamic Range (NTSC 128x, PAL 160x) : SCC-C7455 Only
- Virtual Progressive Scan (VPS) : SCC-C7455 Only
- Day Night Function (ICR), Sens-up Function (512x)

- Adaptive Digital Noise Reduction (3D + 2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection Function
- eXtended Dynamic Range (XDR)
- Privacy Mask Function (12ea)
- DIS (Digital Image Stabilization)   • Time & Day Scheduling
- CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100)
- RS-485 (Half/Full)/RS-422 Control (Multi-Protocol support)
- Multi-Language OSD (E, F, G, S, I, J, R, P, C, etc) support
- Intelligent Video (Moved/Fixed/Fence/Tracking)
- Alarm Input 8 ea, Output 3 ea
- Operating Temp. : -50 ~ 50℃

Dimensions (unit:mm)

256
240
Ø 228
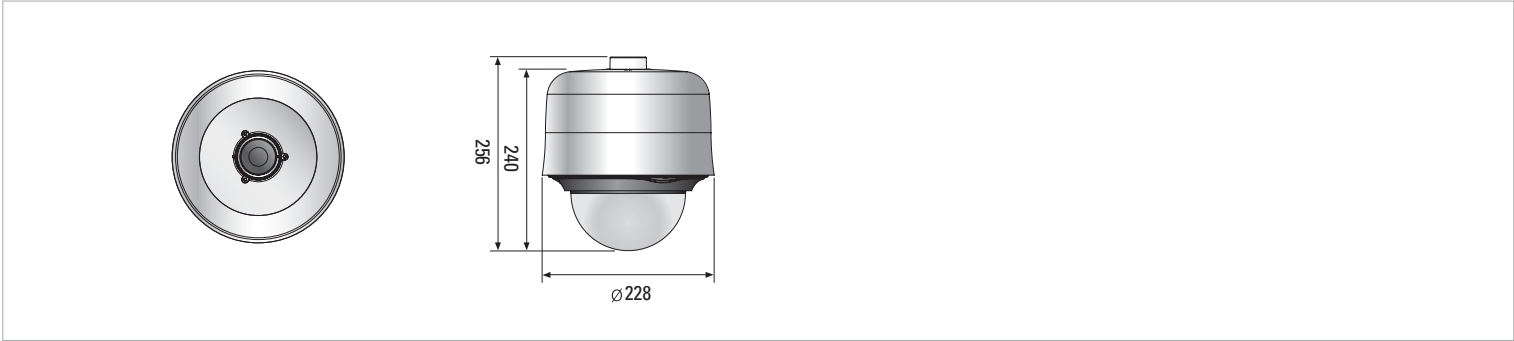
Easy Installation

Specifications

Model			SCC-C7453	SCC-C7455
Camera Type	Color/BW		Color	
Image	Device		1/4" Super-HAD IT CCD	1/4" ExView-HAD PS CCD
	Pixels	Effective	768 x 494 (NTSC) / 752 x 582 (PAL)	
Resolution	Horizontal		600 TV Lines	
Min. Scene Illumination	Color	Sens-up Off	0.6Lux(15IRE), 1.2Lux(30IRE), 2Lux(50IRE)	0.3Lux(15IRE), 0.7Lux(30IRE), 1.2Lux(50IRE)
		Sens up 512x	0.001Lux(15IRE) , 0.002Lux(30IRE), 0.004Lux(50IRE)	0.0007Lux(15IRE), 0.001Lux(30IRE), 0.002Lux(50IRE)
	B/W	Sens-up Off	0.06Lux(15IRE), 0.12Lux(30IRE), 0.2Lux(50IRE)	0.03Lux(15IRE), 0.07Lux(30IRE), 0.12Lux(50IRE)
		Sens up 512x	0.0001Lux(15IRE), 0.0002Lux(30IRE), 0.0004Lux(50IRE)	0.00007Lux(15IRE), 0.0001Lux(30IRE), 0.0002Lux(50IRE)
Pan/Tilt	Speed	Manual Pan	0.01°/sec ~ 180°/sec	
		Preset Pan	600°/sec	
		Manual Tilt	0.01°/sec ~ 180°/sec	
		Preset Tilt	600°/sec	
	Range	Panning / Tilting	0°~360°(Endless) / -6°~186°	
	Number of Auto PAN		4 ea	
	Number of Preset		512 ea	
	Number of Pattern		3 ea	
Functions	Number of Privacy Zone		12 ea	
	Day/Night / Motion Detection		Auto / Day / Night(ICR) / Yes, Sensitivity 1~7 Level	
	Wide Dynamic Range		-	Yes (NTSC:128x, PAL:180x)
	D-Zoom / High Speed Shutter		Yes(~16x) / 1/100~1/10K sec	
	Sens Up / BLC		Yes(2x ~ 512x) / Off/On	
	AGC		Off/On (Very Low / Low / Mid / High / Very High / User / Fix)	
	Auto Focus		Manual / Auto (pan, tilt, zoom linked) / one AF	
	Syncronization		Internal / Line lock	
	Camera ID		Max 54 Character, 2 Line	
	VPS (Virtual Progressive Scan)		-	Yes
	XDR (eXtended Dynamic Range)		Off/On(Low/Middle/High)	
	DNR (Digital Noise Reduction)		Off/On(Low/Middle/High/User(3D/2D))	
	Schedule		Day / Time Schedule	
	White Balance		ATW1 / ATW2 / AWC(Manual) / 3200 / 5600	
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p	
S/N Ratio			52 dB	
Lens	Focal Length / Min. Object Distance		3.2 ~ 138.5mm / 100cm	
	Zoom Ratio / Aperature Ratio		43x Optical (688x with 16x Digital zoom) / F1.65(W)/F3.7(T)	
	Viewing Angle	Tele	1.47°(H) x 1.10°(V)0	
		Wide	61.22°(H) x 47.16°(V)	
	Lens Drive Type / Mount Type		DC Auto Iris / Board-in type	
OSD			Yes	
Alarm	Input / Output		8 ea / 3 ea (2 Open Collector, 1 relay)	
Remote Control			RS485(Half/Full Duplex) / RS422, CCVC	
Environmental Conditions	Operating Temperature		-50℃ ~ +50℃	
	Operating Humidity		Less than 90%	
Power	Power Requirement		24 VAC	
	Power Consumption		16W / 47W(with fan/Heater)	
	LED Indicator		Yes	
Physical Specification	Dimensions		228(Ø) x 256(H)mm	
	Weight		3.0kg	
	Color		Light Gray	

Indoor / Outdoor Housing
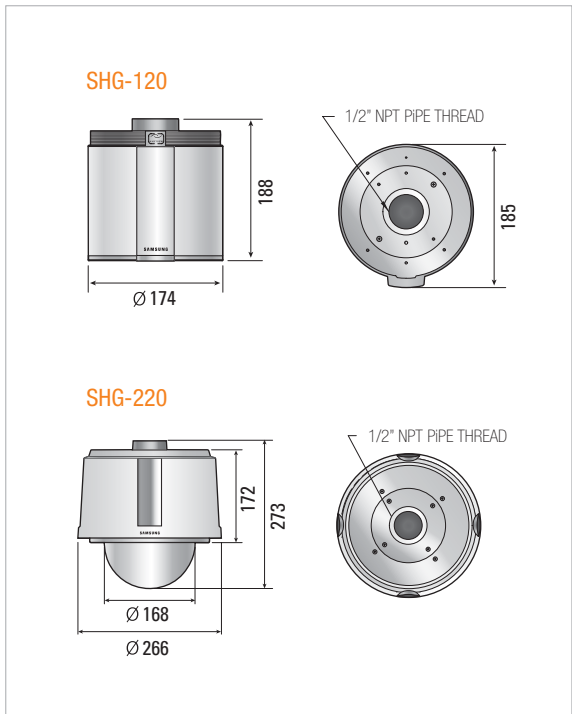# SHG-120/220

Outdoor Housing
SHG-222

Features

SHG-120
- For indoor use
- The place of installation should be able to bear up to 4 times of the total product weight (about 32Kg).
- Aluminum material
- IP 66

SHG-220
- For outdoor installation
- Aluminum material
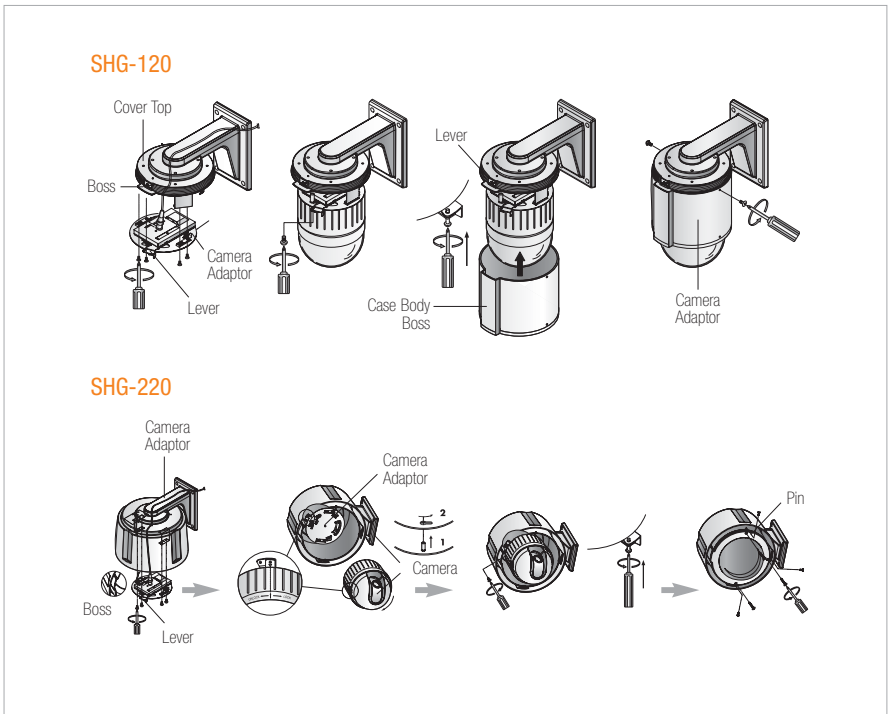- Built-in fan/heater function
- IP 66
- Anti-vandal

Specifications

Model	SHG-120	SHG-220
Dimensions	174(Ø) x 188(H)mm	266(Ø) x 273(H)mm
Weight	1,200g	3,700g
Operating Temperature	-10 ~ +50ºC	-40 ~ +50ºC
Operating Humidity	0 ~ 90%	0 ~ 100%
Fan Operating Temperature	-	Always
Heater Operating Temperature	-	10ºC or below
Accessories	Screw(BH M3xL8) 2EA	Screw(BH M3xL12) 3EA
		Pin 3EA
		Silicon Grease 5g
		Teflon Tape 1EA

Dimensions (unit:mm)

SHG-120
1/2" NPT PIPE THREAD
188
Ø 174
185

SHG-220
1/2" NPT PIPE THREAD
172
273
Ø 168
Ø 266

Installation

SHG-120
Cover Top
Boss
Camera Adaptor
Lever
Lever
Case Body Boss
Camera Adaptor

SHG-220
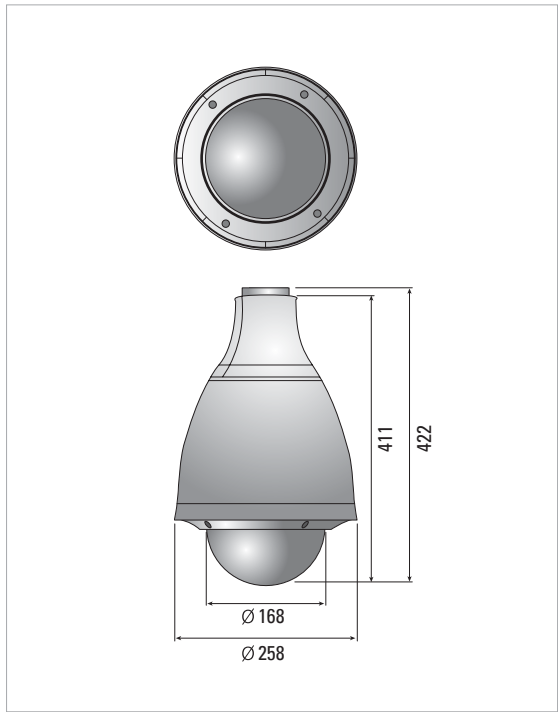Camera Adaptor
Camera Adaptor
Camera
Boss
Lever
Pin

Features
- Hanging mount adaptor(included)
- Outdoor use
- Solid structure
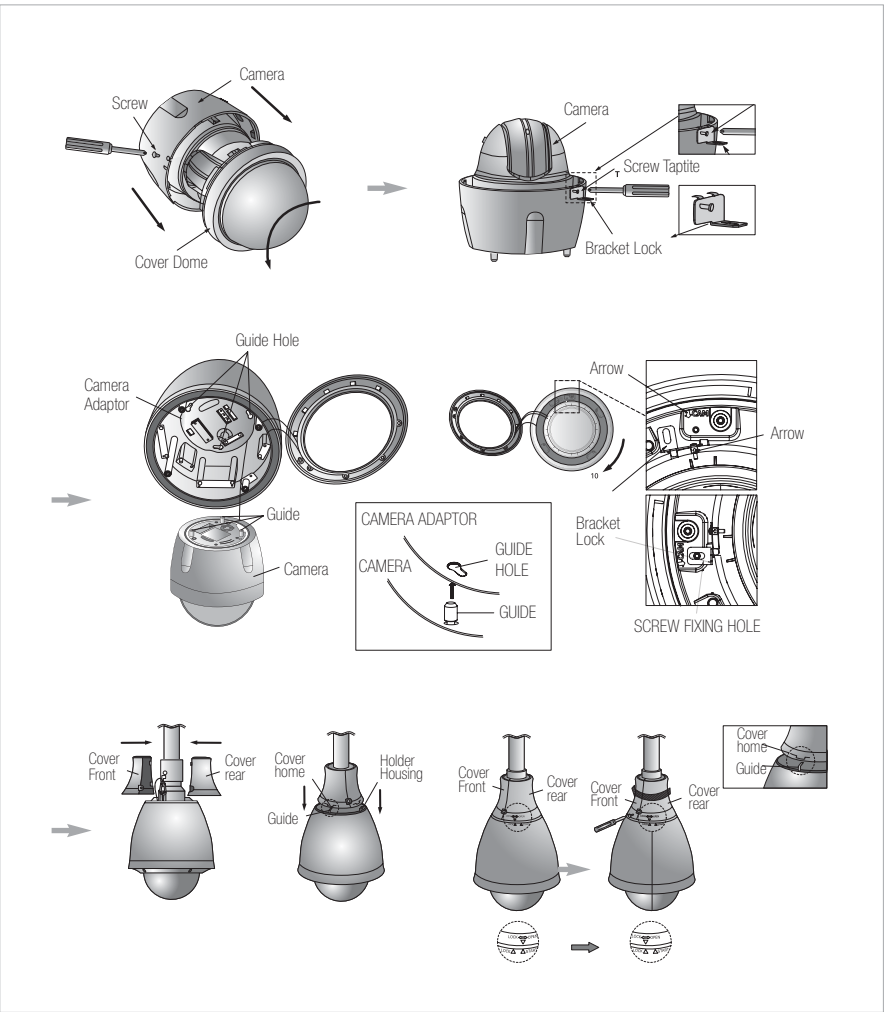- Aluminum/plastic material
- Applicable camera : SCC-C6433/C6435

Specifications

Model	SHG-222
Materials	Aluminum & Plastic
Dimensions	258(Ø) x 422(H)mm
Weight	3,800g
Operating Temperature	-40~+50℃
Operating Humidity	0~100%
Fan Operating Temperature	Always
Heater Operating Temperature	Below 4℃

Dimensions (unit:mm)

411
422
Ø 168
Ø 258

Installation

Screw
Camera
Cover Dome
Camera
Screw Taptite
Bracket Lock

Guide Hole
Arrow
Camera Adaptor
Guide
Camera
Arrow

CAMERA ADAPTOR
CAMERA
GUIDE HOLE
GUIDE
Bracket Lock
SCREW FIXING HOLE

Cover Front
Cover rear
Cover home
Holder Housing
Cover Front
Cover rear
Cover Front
Cover rear
Cover home
Guide
Guide

Wall Mount Adaptor
SADT-100WM/101WM
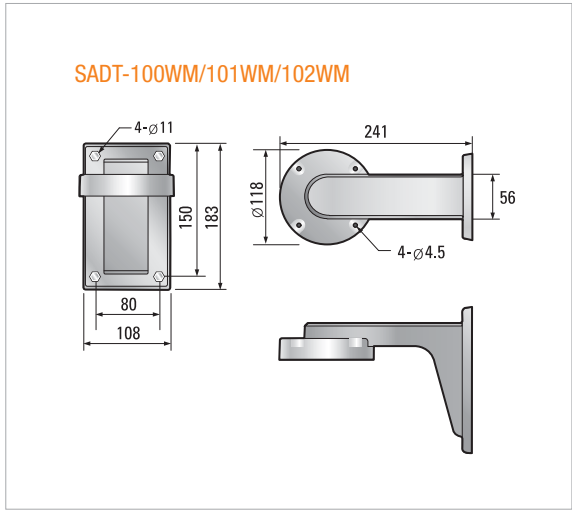# SADT-102WM

Wall Mount Adaptor
SADT-103WM
SADT-104WM

Features

- Indoor/outdoor use
- Solid structure
- Aluminum material
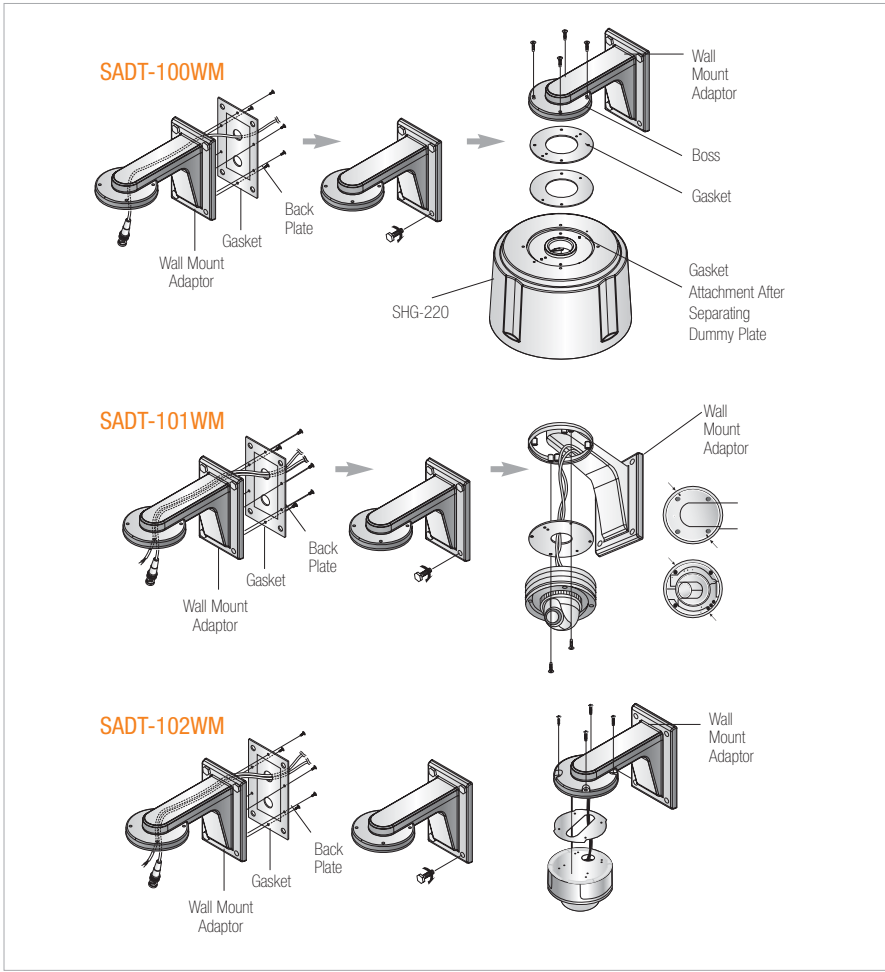- Gasket provides waterproof function
- Screws included, for camera mounting

Specifications

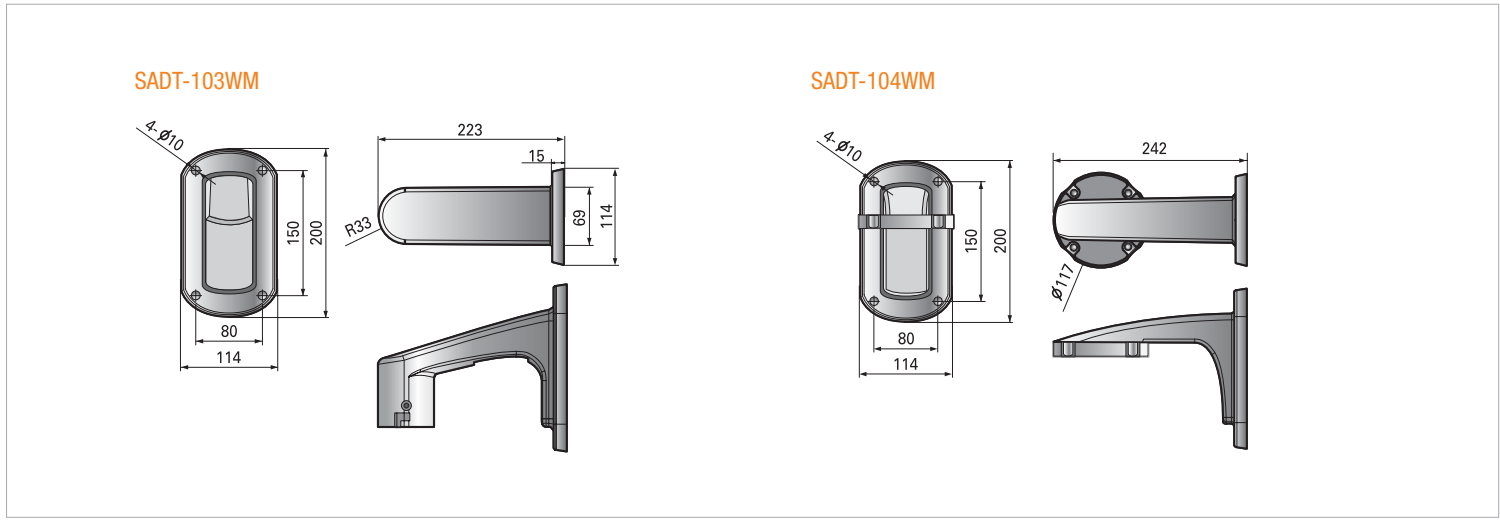| Model	SADT-100WM	SADT-101WM	SADT-102WM
Material	Aluminum		
Dimensions	118(Ø) x 183(H) x 241(W)mm		
Weight	800g		
Operating Temperature	-40 ~ +50℃		
Operating Humidity	0~100% RH		
Accessory	Gasket 1EA, Cable Grand (PG-11, PG-13.5), Back Plate 1EA		
	Back Plate 1EA		
	Screw(FH M3xL6) 6EA		
	Screw(PH M4xL22) 2EA	Screw(PM M4xL22) 2EA	Screw(PM M4xL22) 4EA
Applicable Camera	SCC-641/643A	SCC-931T	SCC-C9302
	SCC-C640X		SCC-B539X

Features

SADT-103WM
- Wall mount adaptor
- Indoor/outdoor use
- Solid structure
- Aluminum material
- Applicable camera : SCC-C7433/C7435
- Applicable housing : SHG-222

SADT-104WM
- Wall mount adaptor
- Indoor use
- Solid structure
- Plastic material
- Applicable camera : SCC-C6433/C6435

Specifications

Model	SADT-103WM	SADT-104WM
Materials	Aluminum	Plastic
Dimensions	114(W) x 200(D) x 223(H)mm	114(W) x 200(D) x 242(H)mm
Weight	1,250g	241g
Operating Temperature	-40 ~ +50℃	-10 ~ +50℃
Operating Humidity	0~100%	-

Dimensions (unit:mm)

SADT-100WM/101WM/102WM

4-ø11
241
ø118
56
183
150
4-ø4.5
80
108

Installation

SADT-100WM

Wall Mount Adaptor
Boss
Gasket
Gasket Attachment After Separating Dummy Plate
SHG-220
Back Plate
Gasket
Wall Mount Adaptor

SADT-101WM

Wall Mount Adaptor
Back Plate
Gasket
Wall Mount Adaptor

SADT-102WM

Wall Mount Adaptor
Back Plate
Gasket
Wall Mount Adaptor

Dimensions (unit:mm)

SADT-103WM

4-Ø10
223
15
R33
69
114
150
200
80
114

SADT-104WM

4-Ø10
242
Ø117
150
200
80
114

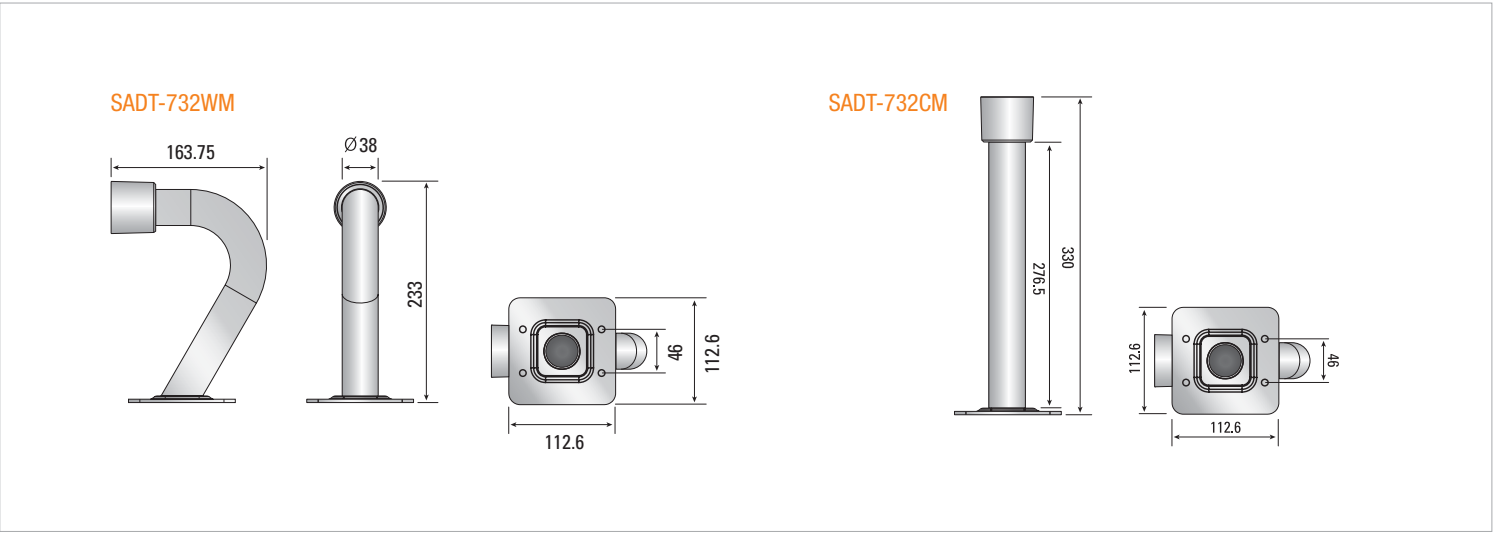# Wall Mount / Celling Mount Adaptor
SADT-732WM/732CM

Features

- Material : Aluminum
- Operating temperature : -40℃ ~ 50℃
- Operating humidity : 0~100%
- Weight
  SADT-732WM : 500g　　SADT-732CM : 550g
- Applicable camera : SCC-C7325, SNC-C7225

Specifications

Model	SADT-732WM	SADT-732CM
Material	Aluminum	
Dimensions	38(Ø) x 233(H) x 163.75(W)mm	112.6(H) x 330(W)mm
Weight	500g	550g
Operating Temperature	-40 ~ +50℃	
Operating Humidity	0~100% RH	

Dimensions (unit:mm)

SADT-732WM

163.75
Ø38
233
46
112.6
112.6

SADT-732CM

330
276.5
112.6
46
112.6

Wall Mount Adaptor
SADT-937WM

Features

- Weight : 800g
- Material : Aluminum
- Operating temperature : -40℃ ~ 60℃
- Operating humidity : 0~100%
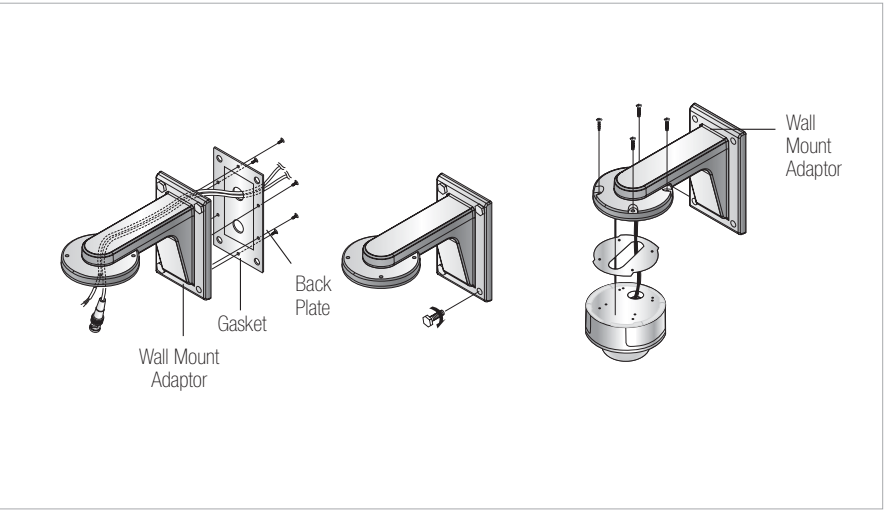- Applicable camera : SCC-C6323/C6325, SNC-C6225
  SCC-B9374

Specifications

Model	SADT-937WM
Material	Aluminum
Dimensions	118(Ø) x 183(H) x 241(W)mm
Weight	800g
Operating Temperature	-40℃ ~ 60℃
Operating Humidity	0~100% RH
Accessory	Gasket 1EA, Cable Grand(PG-11, PG-13.5), Back Plate 1EA
	Back Plate 1EA
	Screw(FH M3xL6) 6EA
	Screw(PM M4xL22) 2EA

Dimensions (unit:mm)

4-ø11
241
Ø118
56
150
183
4-ø4.5
80
108

Installation

Wall Mount Adaptor

Gasket

Back Plate

Wall Mount Adaptor
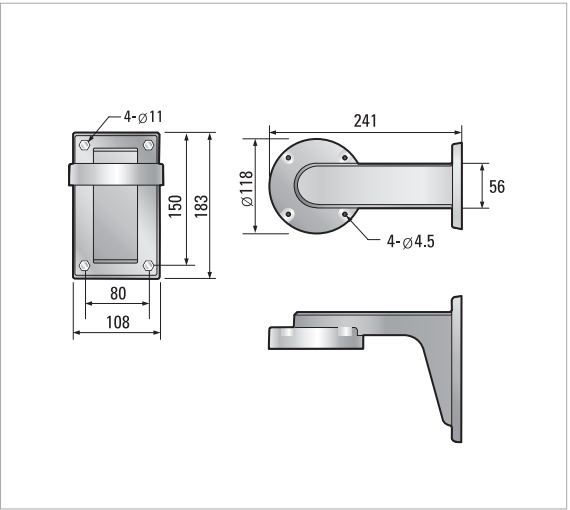
Ceiling Mount Adaptor
SADT-100EC/101EC

Hanging Mount Adaptor
SADT-100HM

Features

SADT-100EC
- Ceiling mount bracket
- Plastic material
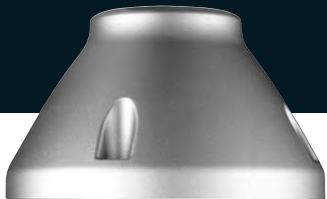- Applicable camera : SCC-641/643,
  SCC-C6403/C6405/C6407

SADT-101EC
- Ceiling mount bracket
- Plastic material
- Applicable camera : SCC-C6433/C6435

Specifications

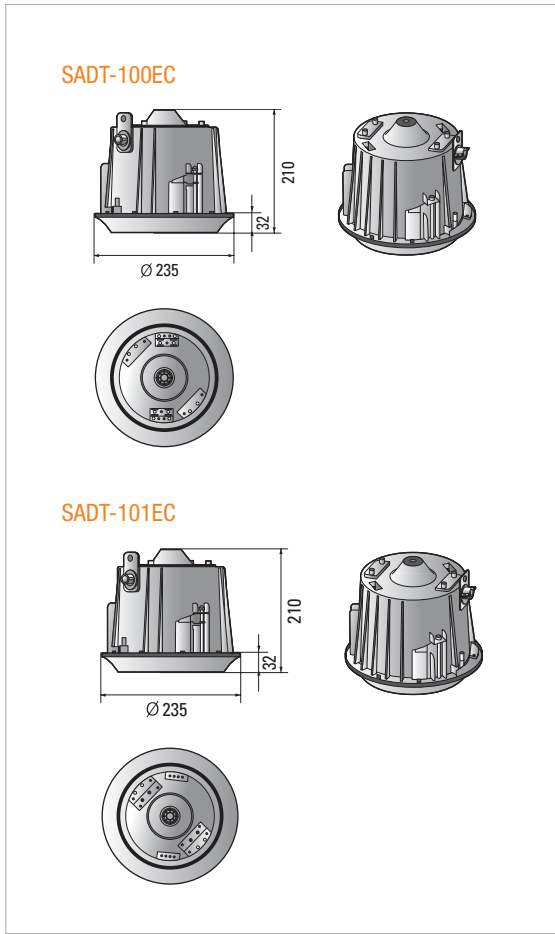| Model	SADT-100EC	SADT-101EC
Materials	Plastic	
Dimensions	235(Ø) x 210(H)mm	
Weight	765g	792g
Operating Temperature	-10 ~ +50ºC	

Features

- Hanging mount adaptor
- Indoor use
- Solid structure
- Aluminum material
- Applicable camera : SCC-C6433/C6435

Specifications

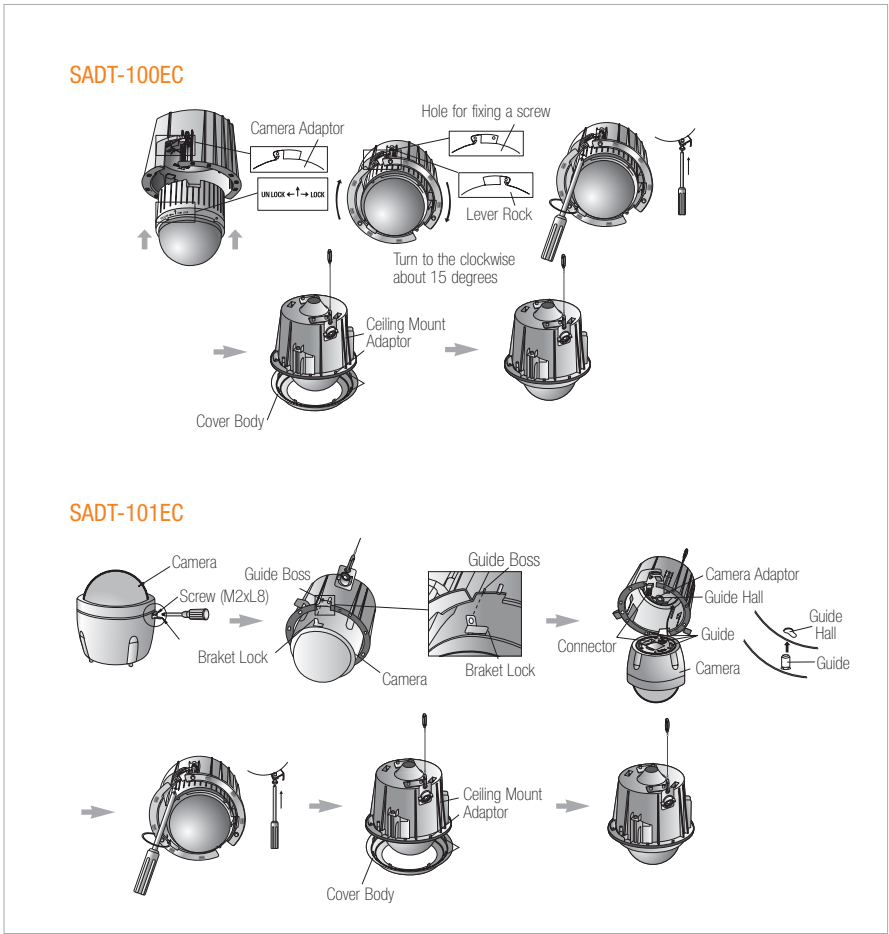| Model	SADT-100HM
Materials	Aluminum
Dimensions	117(Ø) x 68(H)mm
Weight	259g
Operating Temperature	-10 ~ +50ºC
Applicable camera	SCC-C6433/C6435

Dimensions (unit:mm)

SADT-100EC

SADT-101EC

Installation

SADT-100EC

Camera Adaptor, Hole for fixing a screw, UN LOCK ← ↑ → LOCK, Lever Rock, Turn to the clockwise about 15 degrees, Ceiling Mount Adaptor, Cover Body

SADT-101EC

Camera, Guide Boss, Screw (M2xL8), Guide Boss, Camera Adaptor, Guide Hall, Guide Hall, Guide, Braket Lock, Camera, Braket Lock, Connector, Camera, Guide, Ceiling Mount Adaptor, Cover Body
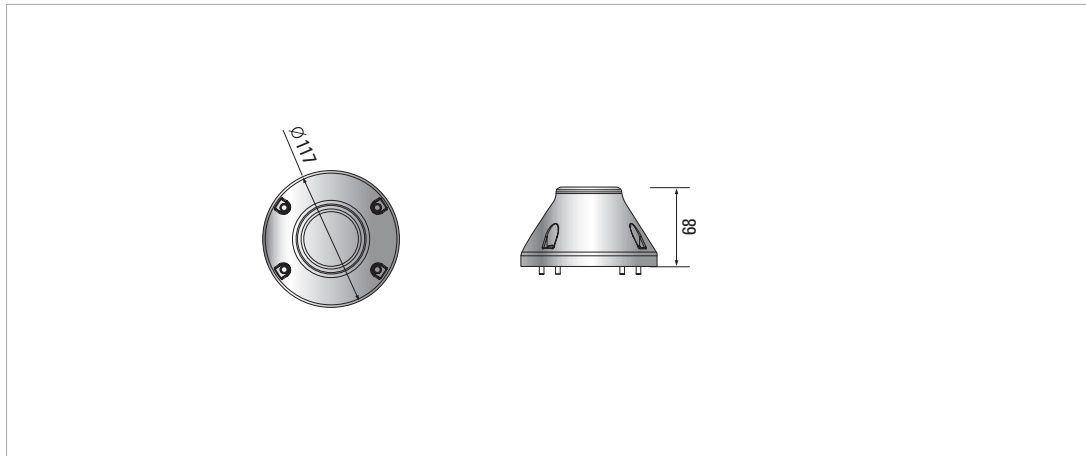
* Conditions for Installation : The installation place should be able to bear up to 4 times of the total product weight (about 16Kg).
This product is to be used when the thickness of the ceiling board is less than 40mm.
This product requires a minimum of 180mm space above the ceiling board.

Dimensions (unit:mm)

Ø117, 68

SADT-100CM/110CM
SADT-100PM

SCX-300WM / 300CM *NEW*
300HM / 300LM

Features

SADT-100CM
- Indoor/outdoor use
- Solid structure
- Metallic material

SADT-100PM
SADT-110CM
- Indoor or outdoor applications
- Supports up to 88 pounds(40kg) : SADT-100PM
- Supports up to 97 pounds(44kg) : SADT-110CM
- Metallic body

Specifications

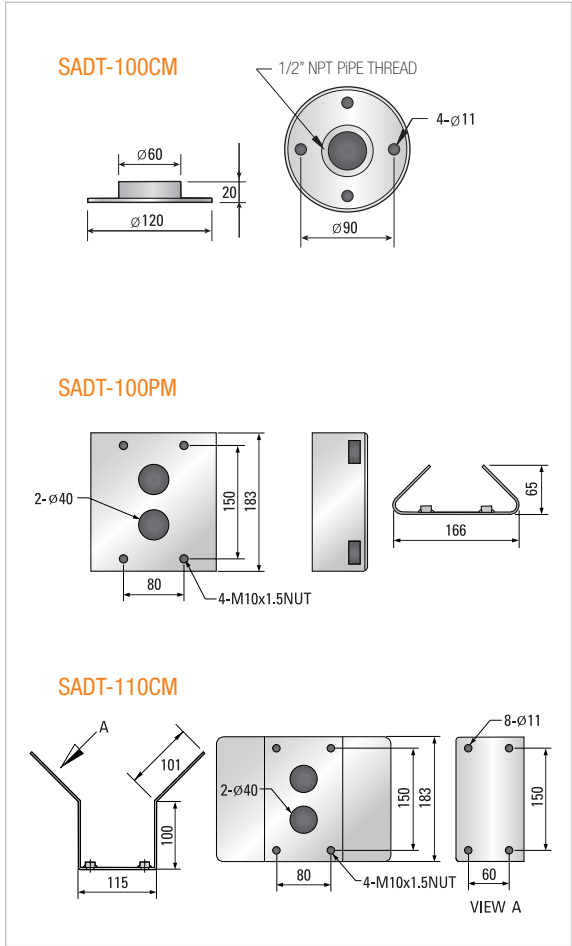| Model	SADT-100CM	SADT-110CM	SADT-100PM
Material	Metallic		
Weight	1,200g (including the pipe)	2,100g	1,400g
Operating Temperature	-40 ~ +50℃		
Operating Humidity	0 ~ 100%		
Accessory	1.5" NPT Pipe(300mm) 1EA	Stainless Bolt 4EA	Stainless Steel Mounting Strap 2EA
	Decoration Cover 1EA	Spring Washer 4EA	Stainless Bolt 4EA
	Cable Grand(PG-13.5) 2EA		Spring Washer 4EA

Features

SCX-300WM, SCX-300LM
- Wall mount adaptor
- Indoor/outdoor use
- Aluminium material

SCX-300HM
- Hanging mount adaptor
- Indoor/outdoor use
- Aluminium material

SCX-300CM
- Ceiling mount adaptor
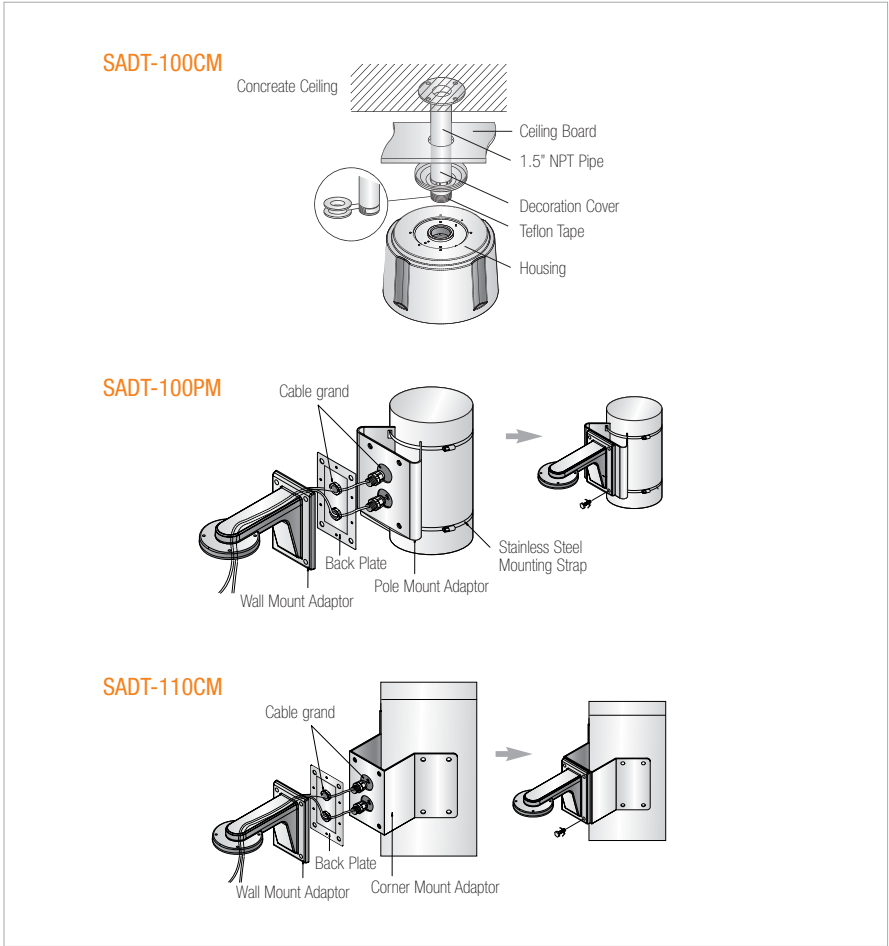- Indoor/outdoor use
- Aluminium material

Specifications

Model	SCX-300WM	SCX-300CM	SCX-300HM	SCX-300LM
Material	Aluminum			Steel
Weight	850g	700g	500g	3500g
Operating Temperature	-50℃ ~ 60℃			
Operating Humidity	0 ~ 100%			

Dimensions (unit:mm)

SADT-100CM
1/2" NPT PIPE THREAD
4-ø11
ø60
ø90
ø120
20

SADT-100PM
2-ø40
150
183
65
166
80
4-M10x1.5NUT

SADT-110CM
A
101
100
115
2-ø40
150
183
80
4-M10x1.5NUT
8-ø11
150
60
VIEW A

Installation

SADT-100CM
Concreate Ceiling
Ceiling Board
1.5" NPT Pipe
Decoration Cover
Teflon Tape
Housing

SADT-100PM
Cable grand
Stainless Steel Mounting Strap
Back Plate
Pole Mount Adaptor
Wall Mount Adaptor

SADT-110CM
Cable grand
Back Plate
Wall Mount Adaptor
Corner Mount Adaptor

Dimensions (unit:mm)

SCX-300WM
ø52
112
276.5
183

SCX-300CM
4-ø11
ø130
100
305.5

SCX-300HM
ø178
ø178
53

SCX-300LM
297
897
8-ø11
80 90 80
250
668

* Conditions for Installation : When installing outdoors, stainless steel must be used for the connecting materials (i.e. screws).

Pole Mount / Corner Mount Adaptor
SCX-300PM / 300KM `NEW`

Dome Flush Housing
SCX-DF300W `NEW`

Features

SCX-300PM
- Pole mount adaptor for SCX-300WM
- Indoor/outdoor use
- Steel material

SCX-300KM
- Corner mount adaptor for SCX-300WM
- Indoor/outdoor use
- Steel material

Specifications

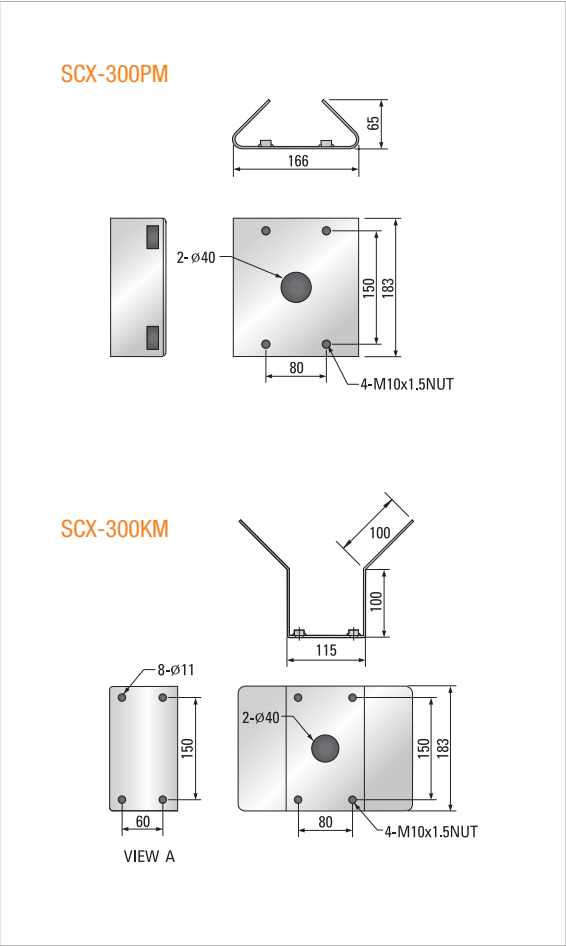| Model	SCX-300PM	SCX-300KM
Material	Steel	
Weight	1,400g	2,200g
Operating Temperature	-50℃ ~ 60℃	
Operating Humidity	0 ~ 100%	

Features

- Indoor Flush Mounting
- PC (Polycarbonate, Plastic) material
- Applicable Camera: SCC-C6437/C6439, SCC-C6453/C6455

Specifications

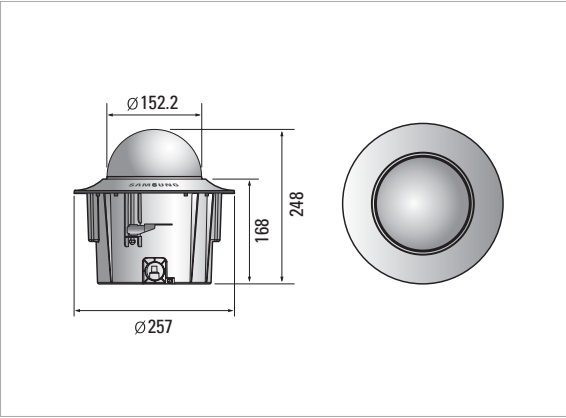| Model	SCX-DF300W
Material	PC (Polycarbonate, Plastic)
Weight	702g
Operating Temperature	-10 ~ +50℃
Operating Humidity	0 ~ 90%

Dimensions (unit:mm)

SCX-300PM

166
65
2-ø40
150
183
80
4-M10x1.5NUT

SCX-300KM

100
100
115
8-ø11
2-ø40
150
150
183
60
80
4-M10x1.5NUT
VIEW A

Dimensions (unit:mm)

ø152.2
248
168
ø257

Ceiling-Mount Bracket
SBR-100DCM
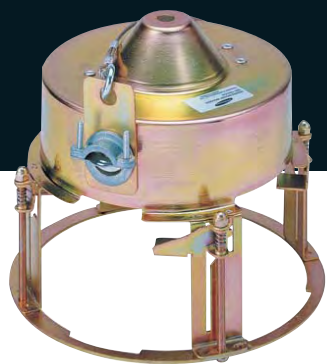
Features
• Solid structure
• Metallic material

Specifications

Model	SBR-100DCM
Material	Metallic
Dimensions	196x160mm
Weight	700g
Operating Temperature	-10 ~ +50°C
Accessory	Safety Wire 1EA
	Safety Bracket 1EA
	Template A 1EA
	Template B 1EA
	L-Shaped BNC Adaptor 1EA

Dimensions (unit:mm)
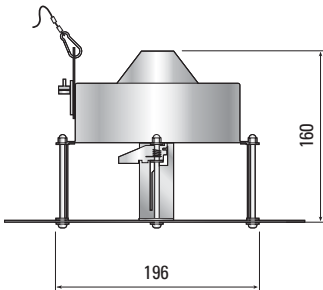
160
196

Installation

Nut
Nut
Turn Clockwise
Cover Body
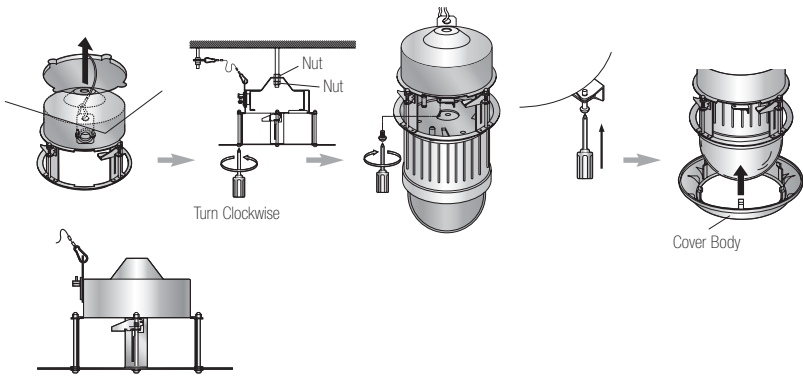
* Conditions for Installation : The installation place should be able to bear up to 4 times the total product weight (about 16Kg).
    This product is to be used when the thickness of the ceiling board is less than 40mm.
    This product requires a minimum of 180mm space above the ceiling board.

MONITOR

LCD Monitor

SMT-1712/1912	SMT-1722/1922	SMT-1723/1923	SMT-3222/4022

Flat Color CRT Monitor

SMC-145	SMC-215

Model / Spec	NEW SMT-1712	SMT-1722	SMT-1723
Screen Size	17"	17"	17"
Resolution (pixels H x V)	1280 x 1024	1280 x 1024	1280 x 1024
Composite Video Resolution	-	600 / 620 TV Line	600 / 620 TV Line
On Screen Display menu	•	•	•
Video In/out	-	2 / 2	2 / 2
S-Video In/out	-	1 / 1	1 / 1
RGB in	1	1	1
Audio in (stereo)	-	2	2
Refresh Rate	60 Hz	120 Hz	120 Hz
Contrast Ratio	1000:1(DC 5000:1)	1000:1	1000:1
Response Time	5 ms	5 ms	5 ms
Brightness	300 cd/m²	300 cd/m²	300 cd/m²
Tempered Glass Screen	•	•	•
Picture In Picture	-	•	•
Built-in Speakers	-	•	•
Desktop Stand	General	Height Adjustable	Height Adjustable
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	110-220V AC Built-in	110-220V AC Built-in	12V DC External

Model / Spec	NEW SMT-1912	SMT-1922	SMT-1923
Screen Size	19"	19"	19"
Resolution (pixels H x V)	1280 x 1024	1280 x 1024	1280 x 1024
Composite Video Resolution	-	600 / 620 TV Line	600 / 620 TV Line
On Screen Display menu	•	•	•
Video In/out	-	2 / 2	2 / 2
S-Video In/out	-	1 / 1	1 / 1
RGB in	1	1	1
Audio in (stereo)	-	2	2
Refresh Rate	60 Hz	120 Hz	120 Hz
Contrast Ratio	1000:1(DC 5000:1)	1000:1	1000:1
Response Time	5 ms	5 ms	5 ms
Brightness	300 cd/m²	300 cd/m²	300 cd/m²
Tempered Glass Screen	•	•	•
Picture In Picture	-	•	•
Built-in Speakers	-	•	•
Desktop Stand	General	Height Adjustable	Height Adjustable
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	110-220V AC Built-in	110-220V AC Built-in	12V DC External

Model / Spec	SMT-3222	SMT-4022
Screen Size	32"	40"
Resolution (pixels H x V)	1366 x 768	1920 x 1080
Composite Video Resolution	600 TV Line	600 TV Line
On Screen Display menu	•	•
Video In/out	1	1
S-Video In/out	-	-
RGB in	1	1
DVI / HDMI	1/1	1/1
Audio in (stereo)	2	2
Refresh Rate	60 Hz	60 Hz
Contrast Ratio	4000:1	4000:1
Response Time	8 ms	8 ms
Brightness	450 cd/m²	450 cd/m²
Tempered Glass Screen	-	-
Picture In Picture	-	-
Built-in Speakers	•	•
Desktop Stand	General (option)	General (option)
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	110-220V AC Built-in	110-220V AC Built-in

Model / Spec	NEW SMC-145	SMC-215
Screen Size	14"	21"
Composite Video Resolution	400 TV Line	450 TV Line
On Screen Display menu	•	•
Video In/out	4/1	4/1
Audio In/out	2/1	2/1
VCR Video In	•	•
VCR Audio In	•	•
Video Auto Switch	•	•
Metal Cabinet	•	•
Built-in Speakers	•	•
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	110-220V AC Built-in	110-220V AC Built-in

Monitor Terms & Features

DNIe (Digital Natural Image engine)

Samsung proprietary technology embedded in premium LCD TV to enhance picture quality for the best performance. By utilizing DNIe technology, monitors provide enhanced image reproduction quality with optimized color, enhanced contrast and higher resolution. It delivers rich color and crystal clear image for more comfortable reading and for reducing eye fatigue.

*DNIe(Digital Natural Image Engine) : Samsung's proprietary technology embedded in premium LCD TV to enhance picture quality for the best performance.

Motion Optimizer : Clear Moving Images

conventional / DNIe

Detail Enhancer : Fine Details

conventional / DNIe

DNIe

Contrast Enhancer : Sharp Contrast

conventional / DNIe

Color Optimizer : Natural Color

conventional / DNIe

3D Motion Adaptive Scan

3D motion adaptive scan feature reduces the shakes that resulted from speedy panning and tilting, by generating additional frames. Monitors with 3D Motion Adaptive Scan provide crisp and clear image.

conventional

3D Motion Adaptive Scan

Tempered Glass Screen

Monitors with tempered glass screen design protects the screen from dirt, repetitive touching or scratching.The screen can be easily cleaned with common cleaning solution such as water, alcohol.

PIP(Picture in Picture), PBP(Picture by Picture)

The picture-in-picture or picture-by-picture capability allows a security manager to use a PC and view a CCTV camera at the same time. It could also allow the manager to always have a video of important camera in the corner at all times.

PIP (Picture in Picture)   PBP (Picture by Picture)

Height Adjustable Stand (HAS)

Samsung monitors with HAS feature can be adjusted to users' comfort level. Maximize monitor can be adjusted to your comfort level. Maximize your efficiency with the convenient height adjustable stand.

17"/19" TFT-LCD Monitor
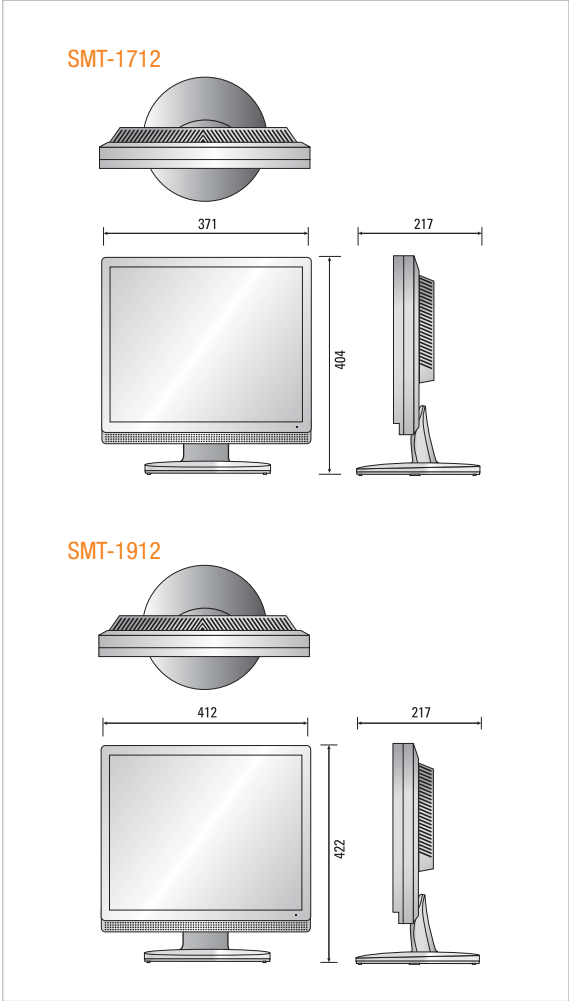# SMT-1712/1912 `NEW`

Features

- Support up to 1280 x 1024 resolution
- Dynamic contrast 5000:1
- Fast response time 5ms
- Durable tempered glass screen
- Simple desktop stand
- VESA 100 mount compatible

Specifications

Model		SMT-1712	SMT-1912
General	Screen Size	17"	19"
	Resolution (HxV)	1280 x 1024	
	Pixel Pitch (mm)	0.264 x 0.264(HxV)	0.294 x 0.294(HxV)
	Brightness(cd/m²)	300	
	Contrast Ratio	1000:1 (Dynamic contrast 5000:1)	
	Response Time (ms)	5	
	Viewing Angle (H/V)	160˚ / 160˚	
	Backlight Type	4 CCFT (2 Dual)	
	Panel Lamp Life	50,000 Hours	
	Display Colors	16.7M	
	Horizontal Frequency	31 ~ 81KHz	
	Vertical Frequency	56 ~ 75Hz	
	Sync Format	NTSC : 3.5 / PAL : 4.43	
Feature	Tempered Glass	Yes	
	Language	English / French / German / Italian / Portuguese / Russian / Spanish / Swedish /Chinese / Japanese / Korean	
	Front Pannel Control	Menu, Adjust up / down / Auto / Enter, Power	
	VESA Mount	100 x 100 mm	
Input Interface	PC	1 RGB (D-sub)	
Stand		Swivel Stand	
Power Requirement		AC100-240V, 50/60Hz	
Power Consumption		22W	23W
Dimensions		371(W) x 404(H) x 217(D)mm	412(W) x 422(H) x 217(D)mm
Accessories		User's manual, Power Cord, Video Signal Cable, CD-ROM	

Dimensions (unit:mm)

SMT-1712

371   217   404

SMT-1912

412   217   422

17"/19" TFT-LCD Monitor
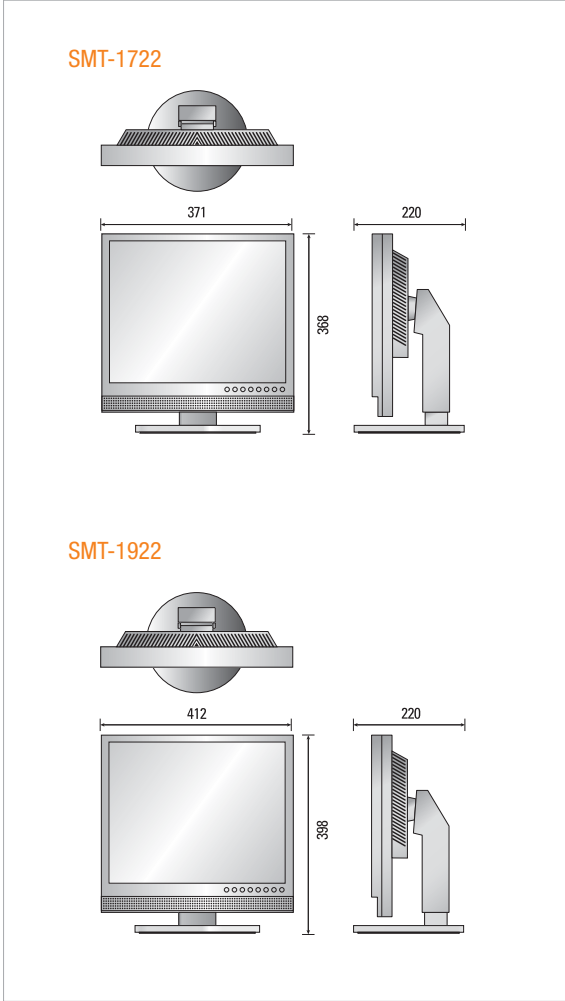# SMT-1722/1922

Features

- Super high resolution 620 TV lines (PAL)*
- Superior image quality DNIe (Digitial Natural Image engine)
- 120HZ precessing smooth judder in motion
- High contrast ratio 1000:1
- Fast response time 5ms
- Durable tempered glass screen
- Support up to 1280 x 1024 resolution
- Height adjustable and swiveling stand for desktop
- Built-in speakers
- VESA 100 mount compatible

* 600 TV Lines for the NTSC Version

Specifications

Model		SMT-1722	SMT-1922
General	Screen Size	17"	19"
	Resolution (HxV)	1280 x 1024	
	Pixel Pitch (mm)	0.264 x 0.264(HxV)	0.294 x 0.294(HxV)
	Brightness(cd/m²)	300	
	Contrast Ratio	1000:1	
	Response Time (ms)	5	
	Viewing Angle (H/V)	160˚ / 160˚	
	Backlight Type	4 CCFT (2 Dual)	
	Panel Lamp Life	50,000 Hours	
	Display Colors	16.7M	
	Horizontal Frequency	31.5 ~ 80KHz	
	Vertical Frequency	56 ~ 75Hz	
	Horizontal Resolution	620TV Lines (PAL), 600TV Lines (NTSC)	
	Comb Filter	3D	
	Sync Format	NTSC : 3.5 / PAL : 4.43	
Feature	Screen Aspect Ratio	4:3 / 16:9	
	Under Scan	Yes	
	PIP (Picture In Picture)	Yes	
	PBP (Picture By Picture)	Yes	
	Remote Control	included	
	Tempered Glass	Yes	
	Language	English / French / German / Italian / Portuguese / Russian / Spanish / Swedish /Chinese / Japanese / Korean	
	Front Pannel Control	Menu, Adjust up / down / left / right, Enter, Power	
	Speaker Output	2W (built-in)	
	VESA Mount	100 x 100 mm	
Input Interface	Video	2 composite(BNC), loop-through / 1 S-Video(Mini-Din), loop-through	
	PC	1 RGB (D-sub)	
	Audio	2 RCA	
HAS Stand	Lift	0 ~ 100mm	
	Tilt	-5º ~ 25º	
	Swivel	-165º ~ 165º	
Power Requirement		AC100-240V, 50/60Hz	
Power Consumption		34W	37W
Weight		5.95Kg	6.85Kg
Dimensions		371(W) x 368(H) x 220(D)mm	412(W) x 398(H) x 220(D)mm
Accessories		User's manual, Power Cord, Video Signal Cable, Remote Control, Battery x 2, CD-ROM	

Dimensions (unit:mm)

SMT-1722

371   220   368

SMT-1922

412   220   398

17"/19" TFT-LCD Monitor
SMT-1723/1923

## 32"/40" TFT-LCD Monitor
SMT-3222/4022

Features

- Super high resolution 620 TV lines (PAL)*
- Superior image quality DNIe (Digitial Natural image engine)
- High contrast ratio 1000:1
- 120HZ precessing smooth judder in motion
- Fast response time 5ms
- Durable tempered glass screen
- Support up to 1280 x 1024 resolution
- Height adjustable and swiveling stand for desktop
- Built-in speakers
- VESA 100 mount compatible
- DC 12V External power supply

* 600 TV Lines for the NTSC Version

Dimensions (unit:mm)
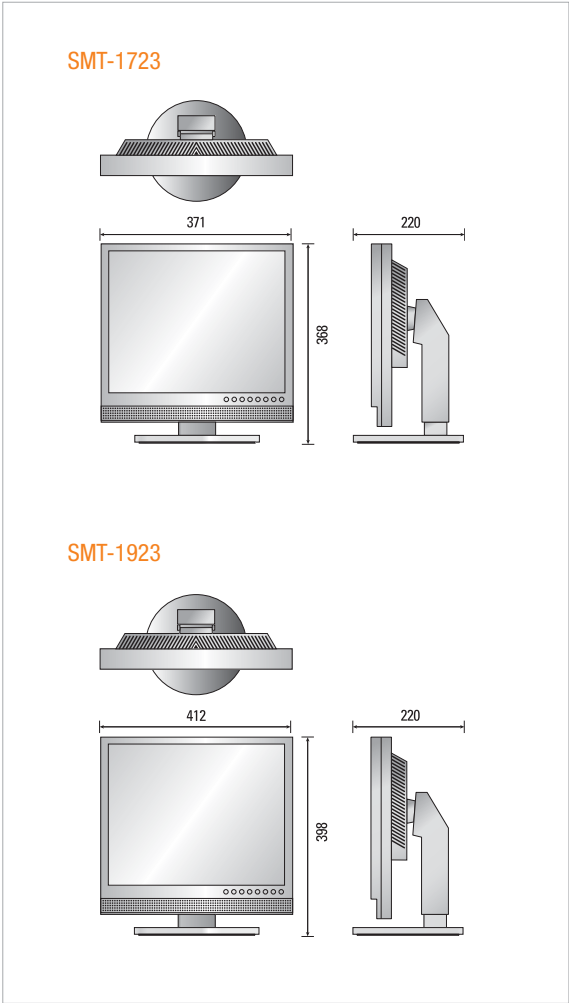
SMT-1723

SMT-1923

Specifications

Model		SMT-1723	SMT-1923
General	Screen Size	17"	19"
	Resolution (HxV)	1280 x 1024	
	Pixel Pitch (mm)	0.264 x 0.264(HxV)	0.294 x 0.294(HxV)
	Brightness(cd/m²)	300	
	Contrast Ratio	1000:1	
	Response Time (ms)	5	
	Viewing Angle (H/V)	160˚ / 160˚	
	Backlight Type	4 CCFT (2 Dual)	
	Panel Lamp Life	50,000 Hours	
	Display Colors	16.7M	
	Horizontal Frequency	31.5 ~ 80KHz	
	Vertical Frequency	56 ~ 75Hz	
	Horizontal Resolution	620TV Lines (PAL), 600TV Lines (NTSC)	
	Comb Filter	3D	
	Sync Format	NTSC : 3.5 / PAL : 4.43	
Feature	Screen Aspect Ratio	4:3 / 16:9	
	Under Scan	Yes	
	PIP / PBP	Yes	
	Remote Control	Included	
	Tempered Glass	Yes	
	Language	English / French / German / Italian / Portuguese / Russian / Spanish / Swedish /Chinese / Japanese / Korean	
	Front Pannel Control	Menu, Adjust up / down / left / right, Enter, Power	
	Speaker Output	2W (built-in)	
	Vesa Mount	100 x 100 mm	
Input	Video	2 composite(BNC), loop-through / 1 S-Video(Mini-Din), loop-through	
Interface	PC	1 RGB (D-sub)	
	Audio	2 RCA	
HAS Stand	Lift	0 ~ 100mm	
	Tilt	-5º ~ 25º	
	Swivel	-165º ~ 165º	
Power Requirement		DC 12V (External Power Supply)	
Power Consumption		31W	34W
Weight		5.95Kg	6.85Kg
Dimensions		371(W) x 368(H) x 220(D)mm	412(W) x 398(H) x 220(D)mm
Accessories		User's manual, Power Cord, Video Signal Cable, Remote Control, Battery x 2, CD-ROM	

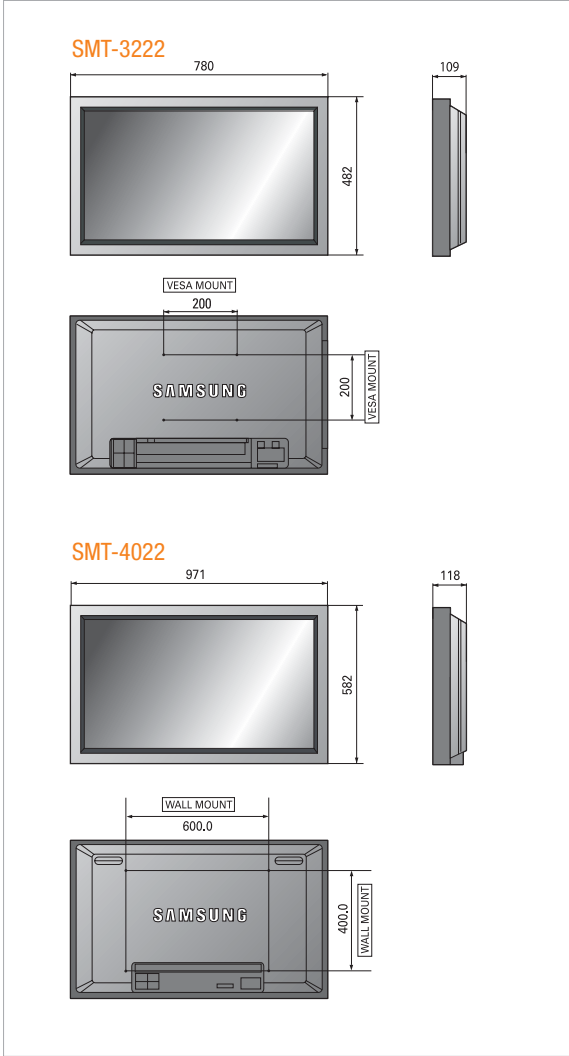### Features

- Support up to 1920 x 1080 resolution(SMT-4022)
- High contrast ratio : 4000:1
- Fast response time 8ms
- 178 degree horizontal and vertical viewing angle
- Superior image quality DNIe
- HDMI, DVI, RGB and composite inputs
- Built-in Speaker
- Extended video wall format
- VESA mount compatible
- Desktop stand (optional)

Dimensions (unit:mm)

SMT-3222

780 · 109 · 482 · VESA MOUNT 200 · 200 · VESA MOUNT

SMT-4022

971 · 118 · 582 · WALL MOUNT 600,0 · 400,0 · WALL MOUNT

Specifications

Model		SMT-3222	SMT-4022
General	Screen Size	32"	40"
	Resolution (HxV)	1366 x 768	1920 x 1080
	Pixel Pitch (mm)	0.511 x 0.511 (HxV)	0.461 x 0.461 (HxV)
	Brightness(cd/m²)	450	
	Contrast Ratio	4,000:1	
	Response Time (ms)	8 (G-to-G)	
	Viewing Angle (H/V)	178˚ / 178˚	
	Backlight Type	4 CCFT	12 CCFT
	Panel Lamp Life	50,000 Hours	
	Display Colors	16.7M	
	Horizontal Frequency	30 ~ 81KHz	
	Vertical Frequency	56 ~ 85Hz	
	Horizontal Resolution	600TV Lines	
	Comb Filter	3D	
	Sync Format	NTSC : 3.5 / PAL : 4.43 / Secam	
Feature	Screen Aspect Ratio	4:3 / 16:9	
	Language	English / French / German / Italian / Portuguese / Russian / Spanish / Swedish / Chinese / Japanese / Korean	
	Front Pannel Control	Menu, Adjust down / up / left / right, Enter, Source, D.Menu, Power	
	Speaker Output	10W (5W x 2 built-in)	20W (10W x 2 built-in)
	Indicator	LED (Power)	
	Vesa Mount	200 x 200 mm	400 x 600 mm
Input	Video	1 composite(RCA), 1 HDMI	
Interface	PC	1 RGB (D-sub), 1 DVI, 1 RS 232	
	Audio	2 RCA	
Power Requirement		AC100-240V, 50/60Hz	
Power Consumption		130W (Typ), 143W (Max)	180W (Typ), 220W (Max)
Weight		15Kg	19Kg
Dimensions	Without Stand	780(W) x 482(H) x 108.8(D)mm	971(W) x 582(H) x 118.5(D)mm
	With Stand	780(W) x 535(H) x 311(D)mm	971(W) x 629.5(H) x 223(D)mm
Accessories		User's manual, Power Cord, Video Signal Cable, Remote Control, Battery x 2, CD-ROM, BNC to RCA adaptor cable	

Optional Accessory

Foot stand SMX-400ST

JOIN THE SCREW

188,5 · 65,2 · 311,0 · 70,0
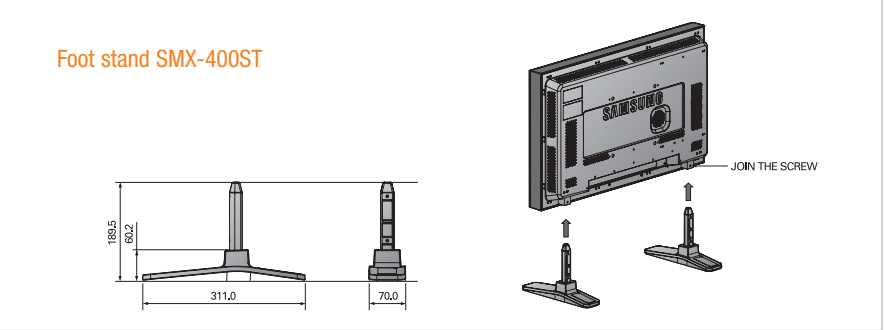
14" Flat Color CRT Monitor
SMC-145 *NEW*

Features
- 14" CRT
- 400 TV Lines Horizontal Resolution
- Superior image quality DNIe junior
- 4 BNC type Composite Video Inputs, 1 BNC type Output
- 4 RCA type Audio Inputs, 1 RCA type Output
- Built-in 1.5 W Speaker
- Metal cabinet design that prevents electro-magnetic interference
- 19" Rack mount (optional)

Specifications

Model	SMC-145
Screen Size	14" Flat CRT
Sync Format	NTSC : 3.5 / PAL : 4.43
Resolution	400TV Lines
OSD	English, Chinese, Spanish
Video In	Composite 4Ch / BNC Type
Video Out	Composite 1Ch / Buffer / BNC Type
Audio In	Mono 2Ch / RCA Type
Audio Out	Mono 2Ch / Buffer / RCA Type
Horizontal Frequency	NTSC : 15.734KHz±500Hz / PAL : 15.75KHz±500Hz
Vertical Frequency	NTSC : 60Hz±4Hz / PAL:50Hz±4Hz
Speaker Output	1.5W
Operating Temperature	-10℃ ~ 50℃
Power Requirement	AC100 ~ 240V, 50/60Hz
Power Consumption(Standard)	46W
Weight	11.1 Kg
Dimension	365 x 341 x 392mm

Dimensions (unit:mm)

365
392
341

Rear Panel

Optional Accessory

EIA 19 inch Rack Mount Bracket SMX-140RM

65
58.5
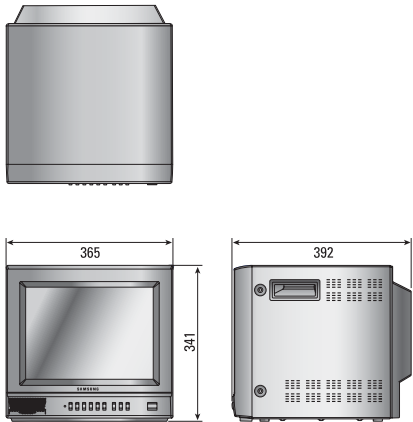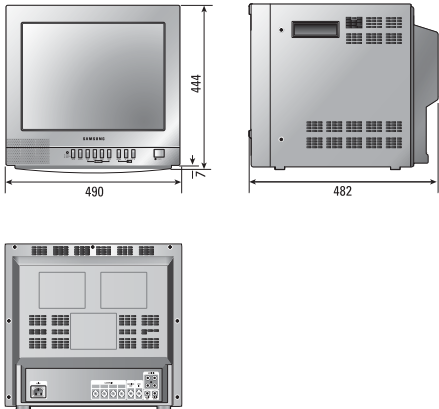328

21" Flat Color CRT Monitor
SMC-215

Features
- 21" CRT
- 450 TV Lines Horizontal Resolution
- Superior image quality DNIe junior
- 4 BNC type Composite Video Inputs, 1 BNC type Output
- 4 RCA type Audio Inputs, 1 RCA type Output
- Built-in 1.5 W Speaker
- Metal cabinet design that prevents electro-magnetic interference

Specifications

Model	SMC-215
Screen Size	21" Flat CRT
Sync Format	NTSC : 3.5 / PAL : 4.43
Resolution	450TV Lines
OSD	English, Chinese, Spanish
Video In	4 BNC (1Vp-p , 75Ω), 1 BNC for VCR
Video Out	1 BNC (1Vp-p , 75Ω)
Audio In	4 RCA (Line leveL 500mV ,Hi-Impeadance), 1 RCA for VCR
Audio Out	1 RCA (Line leveL 500mV ,Hi-Impeadance)
Horizontal Frequency	NTSC : 15.734KHz±500Hz / PAL : 15.75KHz±500Hz
Vertical Frequency	NTSC : 60Hz±4Hz / PAL:50Hz±4Hz
Speaker Output	1.5W
Operating Temperature	-10℃ ~ 50℃
Power Requirement	AC100 ~ 240V, 50/60Hz
Power Consumption(Standard)	62W
Weight	22.5 Kg
Dimension	490(W) x 444(H) x 482 (D)mm

Dimensions (unit:mm)

444
490
482

Rear Panel

DVR

Standalone DVR

Spec	SHR-6040 (NEW)	SHR-6042 (NEW)	SHR-6080 (NEW)	SHR-6082 (NEW)
HDD (Basic)	250G (SATA)	250G (SATA)	250G (SATA)	250G (SATA)
Built In HDD Capacity	2EA	1EA	6EA	5EA
Audio In/Out	4/1	4/1	4/1	4/1
Admin/User set up (set)	User Manager - Group Authority (Group:3) * System /Camera / Monitoring / Event Record/Record schedule/Back up/ Network/Search(P/B)	User Manager - Group Authority (Group:3) * System /Camera / Monitoring / Event Record/Record schedule/Back up/ Network/Search(P/B)	• (5 step)	• (5 step)
Mouse I/F	•	•	•	•
Play back Speed	x 2, 4, 8, 16, 32	x 2, 4, 8, 16, 32	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64
Play back/ Recording Resolution & Frame Rate	CIF : 120(NTSC) / 100(PAL) ips Half D1 : 120(NTSC) / 100(PAL) ips D1 : 90(NTSC) / 75(PAL) ips	CIF : 120(NTSC) / 100(PAL) ips Half D1 : 120(NTSC) / 100(PAL) ips D1 : 90(NTSC) / 75(PAL) ips	CIF : 120(NTSC) / 100(PAL) ips Half D1 : 60(NTSC) / 50(PAL) ips D1 : 30(NTSC) / 25(PAL) ips	CIF : 120(NTSC) / 100(PAL) ips Half D1 : 60(NTSC) / 50(PAL) ips D1 : 30(NTSC) / 25(PAL) ips
Event Notification	x	x	• E-mail	• E-mail
Motion Search	x	x	• (1hr limit)	• (1hr limit)
Preview Search	x	x	•	•
Back up Device	USB (2EA)	DVD, USB (2EA)	USB (3EA)	DVD, USB (3EA)
Back up Format	AVI / SFX (Include Player) / SDB	AVI / SFX (Include Player) / SDB	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)
Simultaneous Network Connection	Live Monitoring 4 / Search 4 Person	Live Monitoring 4 / Search 4 Person	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person
Video In	4	4	8	8
Video Out	Spot(1EA), VGA(Up to 1280x1024)	Spot(1EA), VGA(Up to 1280x1024)	Spot(1EA), VGA(Up to 1280x1024)	Spot(1EA), VGA(Up to 1280x1024)

Standalone DVR

Spec	SHR-6160 (NEW)	SHR-6162 (NEW)	SHR-6163 (NEW)	SHR-6164 (NEW)
HDD (Basic)	250G (SATA)	250G (SATA)	250G (SATA)	250G (SATA)
Built In HDD Capacity	6EA	5EA	6EA	5EA
Audio In/Out	4/1	4/1	4/1	4/1
Admin/User set up (set)	• (5 step)	• (5 step)	• (5 step)	• (5 step)
Mouse I/F	•	•	•	•
Play back Speed	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64
Play back/ Recording Resolution & Frame Rate	CIF : 120(NTSC) / 100(PAL) ips Half D1 : 60(NTSC) / 50(PAL) ips D1 : 30(NTSC) / 25(PAL) ips	CIF : 120(NTSC) / 100(PAL) ips Half D1 : 60(NTSC) / 50(PAL) ips D1 : 30(NTSC) / 25(PAL) ips	CIF : 240(NTSC) / 200(PAL) ips Half D1 : 60(NTSC) / 50(PAL) ips D1 : 30(NTSC) / 25(PAL) ips	CIF : 240(NTSC) / 200(PAL) ips Half D1 : 60(NTSC) / 50(PAL) ips D1 : 30(NTSC) / 25(PAL) ips
Event Notification	• E-mail	• E-mail	• E-mail	• E-mail
Motion Search	• (1hr limit)	• (1hr limit)	• (1hr limit)	• (1hr limit)
Preview Search	•	•	•	•
Back up Device	USB (3EA)	DVD, USB (3EA)	USB (3EA)	DVD, USB (3EA)
Back up Format	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)
Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person
Video In	16	16	16	16
Video Out	Spot(1EA), VGA(Up to 1280x1024)	Spot(1EA), VGA(Up to 1280x1024)	Spot(1EA), VGA(Up to 1280x1024)	Spot(1EA), VGA(Up to 1280x1024)

Standalone DVR

SHR-6040/6042
SHR-6080/6082
SHR-6160/6162
SHR-6163/6164

SHR-7080/7082
SHR-7160/7162

SHR-8080/8082
SHR-8160/8162

SHR-3040

PC base DVR

SPR-9716/9816

Hybrid PC DVR

SNR-1162

Standalone DVR

Spec	SHR-7080 (NEW)	SHR-7082 (NEW)	SHR-7160 (NEW)	SHR-7162 (NEW)
HDD (Basic)	500G (SATA)	500G (SATA)	500G (SATA)	500G (SATA)
Built In HDD Capacity	6EA	5EA	6EA	5EA
Audio In/Out	8/1	8/1	16/1	16/1
Admin/User set up (set)	● (5 step)	● (5 step)	● (5 step)	● (5 step)
Mouse I/F	●	●	●	●
Play back Speed	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64
Play back/ Recording Resolution & Frame Rate	CIF : 240(NTSC) / 200(PAL) ips Half D1 : 120(NTSC) / 100(PAL) ips D1 : 60(NTSC) / 50(PAL) ips	CIF : 240(NTSC) / 200(PAL) ips Half D1 : 120(NTSC) / 100(PAL) ips D1 : 60(NTSC) / 50(PAL) ips	CIF : 480(NTSC) / 400(PAL) ips Half D1 : 240(NTSC) / 200(PAL) ips D1 : 120(NTSC) / 100(PAL) ips	CIF : 480(NTSC) / 400(PAL) ips Half D1 : 240(NTSC) / 200(PAL) ips D1 : 120(NTSC) / 100(PAL) ips
Event Notification	● E-mail	● E-mail	● E-mail	● E-mail
Motion Search	● (1hr limit)	● (1hr limit)	● (1hr limit)	● (1hr limit)
Preview Search	●	●	●	●
Back up Device	USB (3EA)	DVD, USB (3EA)	USB (3EA)	DVD, USB (3EA)
Back up Format	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)
Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person
Video In	8	8	16	16
Video Out	Spot(1EA), VGA(Up to 1280x1024), HDMI	Spot(1EA), VGA(Up to 1280x1024), HDMI	Spot(1EA), VGA(Up to 1280x1024), HDMI	Spot(1EA), VGA(Up to 1280x1024), HDMI

PC Based DVR

Spec	SPR-9716	SPR-9816
OS	Windows XP Pro Embedded	Windows XP Pro Embedded
Video Input	16Ch Composite Video	16Ch Composite Video
Video Output	1 VGA (1024 x 768), 1CH SPOT (2), Multi CH SPOT	1 VGA (1024 x 768), 1CH SPOT (2), Multi CH SPOT
Audio Input	16 Port Input	16 Port Input
Audio Output	1Port Out	1Port Out
Video Compression	MPEG-4	MPEG-4
Recording Speed	120/100 ips (CIF Standard)	480/400 ips (CIF Standard)
Alarm Input	16ch	16ch
Alarm Output	4ch	4ch
Motion Detection	●	●
Water Mark	●	●
HDD (Basic)	250GB	250GB
HDD (Max.Expansion)	3 (Total 4EA)	3 (Total 4EA)
Back Up	Automatic/Manual Backup Function through HDD, DVD and Network Drive	Automatic/Manual Backup Function through HDD, DVD and Network Drive
Network	LAN (10/100 Base-T)	LAN (10/100 Base-T)

Standalone DVR

Spec	SHR-8080 (NEW)	SHR-8082 (NEW)	SHR-8160 (NEW)	SHR-8162 (NEW)
HDD (Basic)	500G (SATA)	500G (SATA)	500G (SATA)	500G (SATA)
Built In HDD Capacity	6EA	5EA	6EA	5EA
Audio In/Out	8/1	8/1	16/1	16/1
Admin/User set up (set)	● (5 step)	● (5 step)	● (5 step)	● (5 step)
Mouse I/F	●	●	●	●
Play back Speed	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64	x 2, 4, 8, 16, 32, 64
Play back/ Recording Resolution & Frame Rate	CIF : 240(NTSC) / 200(PAL) ips Half D1 : 240(NTSC) / 200(PAL) ips D1 : 240(NTSC) / 200(PAL) ips	CIF : 240(NTSC) / 200(PAL) ips Half D1 : 240(NTSC) / 200(PAL) ips D1 : 240(NTSC) / 200(PAL) ips	CIF : 480(NTSC) / 400(PAL) ips Half D1 : 480(NTSC) / 400(PAL) ips D1 : 480(NTSC) / 400(PAL) ips	CIF : 480(NTSC) / 400(PAL) ips Half D1 : 480(NTSC) / 400(PAL) ips D1 : 480(NTSC) / 400(PAL) ips
Event Notification	● E-mail	● E-mail	● E-mail	● E-mail
Motion Search	● (1hr limit)	● (1hr limit)	● (1hr limit)	● (1hr limit)
Preview Search	●	●	●	●
Back up Device	USB (3EA)	DVD, USB (3EA)	USB (3EA)	DVD, USB (3EA)
Back up Format	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)
Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person	Live Monitoring 10 / Search 1 Person
Video In	8	8	16	16
Video Out	Spot(2EA), VGA(Up to 1280x1024), HDMI	Spot(2EA), VGA(Up to 1280x1024), HDMI	Spot(4EA), VGA(Up to 1280x1024), HDMI	Spot(4EA), VGA(Up to 1280x1024), HDMI

DVR Terms & Features

High Quality Image

SHR-6000, 7000 and 8000 series features high quality of image.

High Definition Real Time Recording & Play back

• REC

> Real Time Play Back

SHR-6000, 7000 and 8000 series features high quality of image. SHR-8000 series provides real-time recording and playback in full D1 resolution
and SHR-7000 series provides CIF quality of real time recording and playback, providing higher quality images for both live viewing and recorded video.
SHR-6000 series support CIF quality image for playback and recording.
SHR-6164 and SHR-6163 provide 240(NTSC)/200(PAL)ips of frame rate. [SHR-6160/6162/6080/6082 : 120(NTSC)/100(PAL)ips]

CIF / D1 Real Time Recording
(SHR-7000 and 8000 series)

D1 Recording

CIF Recording

Real time recording on full D1 image quality is possible for SHR-8000 series and CIF quality of real time recording for SHR-7000 series.

High Definition Display (1080p Video up Scale) (SHR-7000 and 8000 series)

480 Resolution

1080 Resolution

VGA
1280 x 1024

HDMI
1080i/1080p(1920x1080)

SHR-7/8000 series are equipped with various video outputs-BNC/VGA/HDMI. Through HDMI, user can experience high definition
of 1920 x1080p resolution image.

Easy Graphical User Interface

User-friendly GUI makes it much easier to utilize SHR-6000, 7000 and 8000 series even for a person who is first to DVRs.

Motion Search

> Real Time Play Back

2009-01-01 23:38:30

One hour window motion search can be easily set up by using the GUI (Graphical User Interface) Finding out what happened to
your interest area is much more convenient with Motion Search function. When user set the areas want to look up, this feature
shows the changes in that areas for a given period of time.
* SHR-6000series do not support real time

Searching Preview

2009-01-01 08:01:17

> Real Time Play Back

Displaying 1CH still image before Playback (All Search Mode Support) For all search modes, SHR-6/7/8000 series display
1 channel still image before playback. User can easily recognize which channel to play.
Search Mode • Event • Back up • POS • Motion • Time
* SHR-6000series do not support real time

Easy play Back up during Play Back

More convenient back up is possible with SHR-6/7/8000
series as user can assign the starting point and the
ending point, while playing back.

Easy Back up GUI
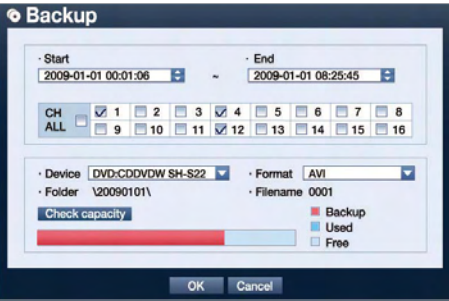
Easy-to-use Graphical User Interface (GUI) support various
back up mode for each channel. User selects a back up
device and start/end time, and then DVR automatically
checks the capacity of the device.

DVR Terms & Features

Recording Capability

Independent Recording Setting on Each Channel
(SHR-7000 and 8000 series)

❶ CIF, Half D1, D1 Resolution ❷ 480(NTSC) / 400(PAL) ips Record Rates
❸ 8 Level Record Quality Settings
Record setting for channel quality (resolution, record rate and quality) on each channel does not influence the settings of other channels.

Back up Log
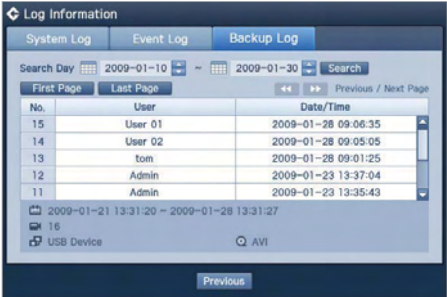
The administer can check the time of back up, the creator of back up, the channel of back up, and the back up period.

NET i Support

NET i : SAMSUNG Central Monitoring Soluiton
Samsung VMS, NET i supports SHR-6/7/8000 series and the whole CCTV systems.
For DVRs, up to 250 DVRs can be supported by NET i.

• Support max. 250 DVRs
• Live View & Play back & E-MAP
• Remote Live View & Play back
• Search On Camera / Date / Time / Alarms
• Control PTZ Cameras
• Export Clips to Local PC
• Remote Administration

Network Camera (SNC-M300)
Network Camera (SNC-B2331)
DVR (SHR-7/8000 Series)
DVR (SHR-6040)
Network Camera (SNC-B5399)
Digitla Video Encoder
DVR (SHR-6000 Series)

Web Viewer

Web based Monitoring & Search
Embedded web server built in SHR-6/7/8000 series can provide users to monitor and control over network anytime and anywhere.

Additional Features

Mailing Service

Sending event information and still image (JPEG)
When motion detected or alarm occurred, DVR sends images to user's e-mail and text message when there are contingent events(change of password, HDD problem, power on/off, and video loss).

• Sending Images
- Motion / Alarm
- Video Loss
• Sending Text Messages
- Normal REC Start / Stop
- HDD Problem
- Power On / Off

Admin. / User Function

Administer can group users and set the user authority level for each function (Back up / Record / Search / PTZ / Shut down) easily.

•Back up •Record (stop) •Search •PTZ •Shut down

Mailing Service

The basic HDD capacity of 500G can be extended up to five/six (depending on the model) 1TB HDDs, a maximum HDD capacity of 6TB. For SHR-6164/6162/7162/7082/8162/8082, up to five of 1TB HDD and for SHR-6163/6160/7160/7080/8160/8080, up to six of 1TB HDD can be added.

• SHR-6163/6160/7160/7080/8160/8080
  : HDD x 6 (max. 6TB)
• SHR-6164/6162/7162/7082/8162/8082
  : HDD x 5 (max. 5TB)

4Ch Standalone DVR
SHR-6040/6042

Features

- 4CH CIF Real-time DVR
- Video (MPEG-4) / Audio(ADPCM)
- CIF Resolution Real-time recording capability
  (full D1 Resolution Recording Support)
- Up to 4Ch Audio Inputs and 1Ch Audio Output
- Combined BNC and VGA Video Output for main display
  (up to 1280x1024)
- SHR-6040:SATA I/F HDD Support (Internal Max. HDDx2)
  SHR-6042:SATA I/F HDD Support (Internal Max. HDDx1)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD R/W (SHR-6042)

Dimensions (unit:mm)
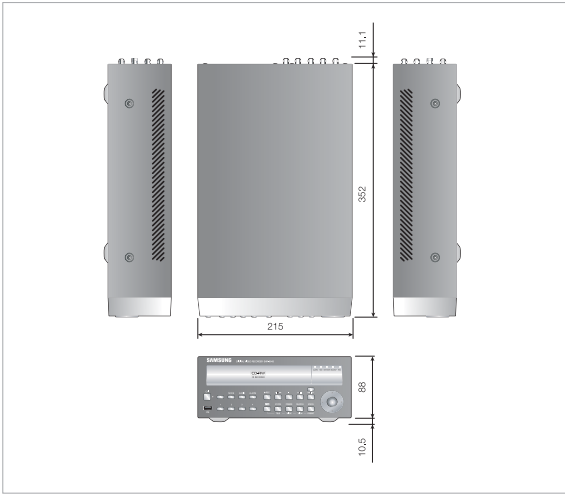
Specifications

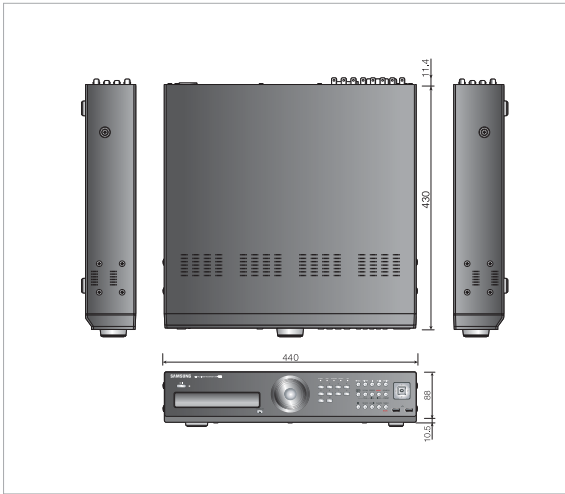| Model		SHR-6040	SHR-6042
System	Language	Multi Language Support (16EA)	
	System Log / Event Log	●	
	Storage set up (Capacity Notification)	●	
	O/S	Linux	
	Resolution Level	CIF / Half D1 / D1	
	Live Resolution	704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)	MPEG-4 / ADPCM	
	HDD	250 (Basic) / 500 / 750G (SATA)	
	Built In HDD Capacity	2EA	1EA
	Network Time Protocol (NTP)	●	
	Daylight Saving (Summer Time)	●	
	System Keyboard Controller(SSC-5000)	●	
	RS-485	●	
	Video	4	
	Audio In/Out	4/1	
	Mouse I/F	●	
	Firmware update	● (Network / USB)	
	Set up flle Export/Import	●	
Play back	Speed	x2, 4, 8, 16, 32	
	Resolution&Frame Rate NTSC	CIF:120ips / Half D1:120ips / D1:90ips	
	PAL	CIF:100ips / Half D1:100ips / D1:75ips	
Recording	Record Rate NTSC	CIF:120ips / Half D1:120ips / D1:90ips	
	PAL	CIF:100ips / Half D1:100ips / D1:75ips	
	Normal	●	
	Schedule(continuous / Event)	●	
	Event	●	
Event Rec	Alarm Input/Output	4/2	
	Event REC Duration(PRE)	3, 4, 5 Sec	
	Event REC Duration(POST)	5, 10, 20, 30 sec / 1, 2, 3, 5 min, 1Hour	
	Motion	● (Sensitivity 4)	
	Video loss	●	
Search	Continuous / Motion	●	
	Alarm In	●	
	Go to First / Go to Last	●	
Back up	DVD	x	●
	USB	● (Version 2.0), 2EA	
	Format	AVI / SFX (Include Player) / SDB	
Network	Simultaneous Network Connection	Live Monitoring 4 / Search 4 Person	
	Network Spec	Cable Modem, Lan , ADSL	
	Network (TCP/UDP)	●	
	Web viewer S/W / CMS Support	●	
	Web viewer / BACK UP	●	
	P/T/Z / DDNS	●	
	Bandwidth setup	Unlimit/2Mbps/1.5 Mbps/512 kbps/256 kbps/128 kbps/64 kbps	
Camera	P/T/Z Device	Samsung/Pelco-D/Pelco-p/Panasonic/Phillips/AD/ DIAMOND/ERNA/KALATEL/VCL TP/VICON (Total 12ea)	
Monitor Video Out	Dual Output (VGA/BNC)	●	
	Composite	● (BNC 1EA)	
	Spot	● (1EA)	
	VGA	● 800x600 (60Hz) /1024x768 (60Hz) /1280x1024 (60Hz)	
Storage		2EA (Without DVD)	1EA (With DVD)
Dimension		215(W) x 88(H) x 352(D) mm	
Weight		4.0Kg	

8Ch Standalone DVR
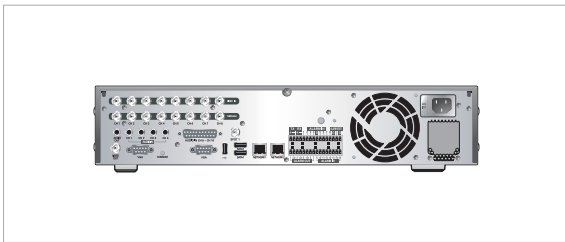# SHR-6080/6082

Features

- 8CH DVR
- Video (MPEG-4) / Audio(ADPCM)
- Up to 120(NTSC)/100(PAL) IPS Recording Rate
- Up to 4Ch Audio Inputs and 1Ch Audio Output
- Combined BNC and VGA Video Output for main display
  (up to 1280x1024)
- SHR-6080 : MAX 6 Internal HDD (HDDx6)
  SHR-6082 : MAX 5 Internal HDD (HDDx5)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD R/W (SHR-6082)
- Event Notifications by E-mail

Dimensions (unit:mm)

Rear Panel

Specifications

Model		SHR-6080	SHR-6082
System	Language	Multi Language Support (16EA)	
	System Log / Event Log	●	
	Storage set up (Capacity Notification)	●	
	O/S	Linux	
	Resolution Level	CIF / Half D1 / D1	
	Live Resolution	704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)	MPEG-4 / ADPCM	
	HDD	250 (Basic) / 500 / 750 / 1,000G (SATA)	
	Built In HDD Capacity	6EA	5EA
	Network Time Protocol (NTP)	●	
	Daylight Saving (Summer Time)	●	
	Text Data Recording (for POS)	● *	
	Jog Shuttle	●	
	System Keyboard Controller (SSC-5000)	●	
	RS-485	●	
	Video	8	
	Audio In/Out	4/1	
	Mouse I/F	●	
	Firmware update	● (Network / USB / CD / DVD)	
	Set up flle Export/Import	●	
Play back	Speed	x1/2, 1/4, 1/8, 2, 4, 8, 16, 32, 64	
	Resolution&Frame Rate NTSC	CIF:120ips / Half D1:60ips / D1:30ips	
	PAL	CIF:100ips / Half D1:50ips / D1:25ips	
Recording	Record Rate NTSC	CIF:120ips / Half D1:60ips / D1:30ips	
	PAL	CIF:100ips / Half D1:50ips / D1:25ips	
	Normal	●	
	Schedule(continuous / Event)	●	
	Event	●	
	Time Lapse	●	
	Time Lapse Spec	NTSC : 0.9/1.9/3.8/7.5/15 ips - PAL : 0.8/1.6/3.1/6.2/12.5 ips	
Event Rec	Alarm Input/Output	8/4	
	Event REC Duration(PRE)	5,10, 20, 30 Sec	
	Event REC Duration(POST)	5, 10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Motion	● (3 Step)	
	Video loss	●	
	Notification (E-mail)	● E-mail (Motion/Alam/Video Loss/Power On&Off/Normal Rec Start & Stop/HDD Problem/Change password)	
Search	Time Search / Event Search	●	
	Back up Search / Pos Search	●	
	Motion Search	● (1hr limit)	
	Preview Search	●	
Back up	DVD	x	●
	USB	● (Version 2.0), 3EA	
	Format	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	
Network	Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	
	Network Spec	Cable Modem, Lan, ADSL	
	Network (TCP/UDP)	●	
	Web viewer S/W / CMS Support	●	
	Web viewer / BACK UP	●	
	P/T/Z / DDNS	●	
	Bandwidth setup	Unlimited/2/1.5/1 Mbps /800/600/500/400/300/128 kbps	
Camera	P/T/Z Device	Samsung/Pelco-D/Pelco-p/Panasonic/Phillips/AD/ DIAMOND/ERNA/KALATEL/VCL TP/VICON (Total 12ea)	
Monitor Video Out	Dual Output (VGA/BNC)	●	
	Composite	● (BNC 1EA)	
	Spot	● (1EA)	
	VGA	● 800x600 (60Hz) /1024x768 (60Hz) /1280x1024 (60Hz)	
Storage		6EA (Without DVD)	5EA (With DVD)
Dimension		440(W) x 88(H) x 430(D) mm	
Weight		7.3Kg	

* I/F With VSI-Pro

16Ch Standalone DVR
SHR-6160/6162

Features

- 16CH DVR
- Video (MPEG-4) / Audio(ADPCM)
- Up to 120(NTSC)/100(PAL) IPS Recording Rate
- Up to 4Ch Audio Inputs and 1Ch Audio Output
- Combined BNC and VGA Video Output for main display
  (up to 1280x1024)
- SHR-6160 : MAX 6 Internal HDD (HDDx6)
  SHR-6162 : MAX 5 Internal HDD (HDDx5)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD R/W (SHR-6162)
- Event Notifications by E-mail

Dimensions (unit:mm)
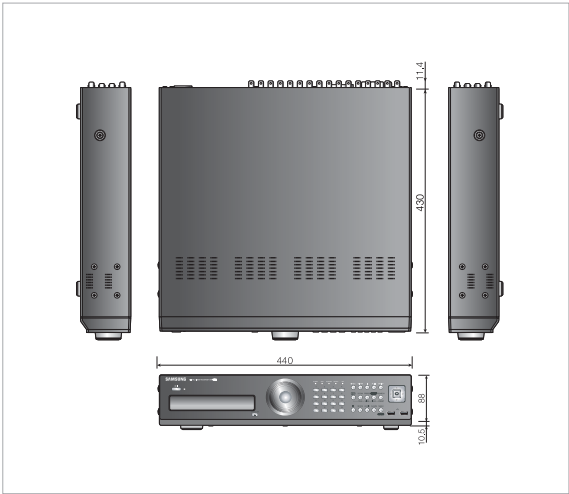
Rear Panel
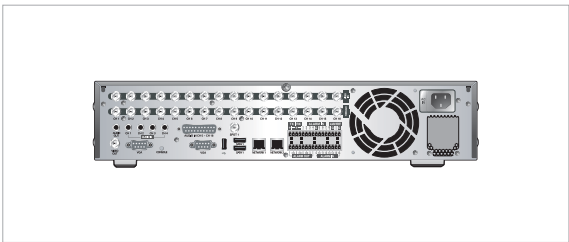
Specifications

Model			SHR-6160	SHR-6162
System	Language		Multi Language Support (16EA)	
	System Log / Event Log		●	
	Storage up (Capacity Notification)		●	
	O/S		Linux	
	Resolution Level		CIF / Half D1 / D1	
	Live Resolution		704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)		MPEG-4 / ADPCM	
	HDD		250 (Basic) / 500 / 750 / 1,000G (SATA)	
	Built In HDD Capacity		6EA	5EA
	Network Time Protocol (NTP)		●	
	Daylight Saving (Summer Time)		●	
	Text Data Recording (for POS)		● *	
	Jog Shuttle		●	
	System Keyboard Controller(SSC-5000)		●	
	RS-485		●	
	Video		16	
	Audio In/Out		4/1	
	Mouse I/F		●	
	Firmware update		● (Network / USB / CD / DVD)	
	Set up flle Export/Import		●	
Play back	Speed		x 1/2, 1/4, 1/8, 2, 4, 8, 16, 32, 64	
	Resolution&Frame Rate	NTSC	CIF:120ips / Half D1:60ips / D1:30ips	
		PAL	CIF:100ips / Half D1:50ips / D1:25ips	
Recording	Record Rate	NTSC	CIF:120ips / Half D1:60ips / D1:30ips	
		PAL	CIF:100ips / Half D1:50ips / D1:25ips	
	Normal		●	
	Schedule(Continuous / Event)		●	
	Event		●	
	Time Lapse		●	
	Time Lapse Spec		NTSC : 0.9/1.9/3.8/7.5/15 ips / PAL : 0.8/1.6/3.1/6.2/12.5 ips	
Event Rec	Alarm Input/Output		16/4	
	Event REC Duration(PRE)		5, 10, 20, 30 Sec	
	Event REC Duration(POST)		5, 10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Motion		● (3 Step)	
	Video loss		●	
	Notification (E-mail)		● E-mail (Motion/Alam/Video Loss/Power On&Off/Normal Rec Start & Stop/HDD Problem/Change password)	
Search	Time Search / Event Search		●	
	Back up Search / Pos Search		●	
	Motion Search		● (1hr limit)	
	Preview Search		●	
Back up	DVD		x	●
	USB		● (Version 2.0), 3EA	
	Format		AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	
Network	Simultaneous Network Connection		Live Monitoring 10 / Search 1 Person	
	Network Spec		Cable Modem, Lan, ADSL	
	Network (TCP/UDP)		●	
	Web viewer S/W / CMS Support		●	
	Web viewer / BACK UP		●	
	P/T/Z		●	
	DDNS		●	
	Bandwidth setup		Unlimited/2/1.5/1 Mbps /800/600/500/400/300/128 kbps	
Camera	P/T/Z Device		Samsung / Pelco-D / Pelco-p / Panasonic / Phillips / AD / DIAMOND / ERNA/KALATEL / VCL TP / VICON (Total 12ea)	
Monitor	Dual Output (VGA/BNC)		●	
Video Out	Composite		● (BNC 1EA)	
	Spot		● (1EA)	
	VGA		● 800x600 (60Hz) /1024x768 (60Hz) /1280x1024 (60Hz)	
Storage			6EA (Without DVD)	5EA (With DVD)
Dimension			440(W) x 88(H) x 430(D) mm	
Weight			7.3Kg	

* I/F With VSI-Pro

16Ch Standalone DVR
SHR-6163/6164

Features

- 16CH DVR
- Video (MPEG-4) / Audio(ADPCM)
- Up to 240(NTSC)/200(PAL) IPS Recording Rate
- Up to 4Ch Audio Inputs and 1Ch Audio Output
- Combined BNC and VGA Video Output for main display
  (up to 1280x1024)
- SHR-6163 : MAX 6 Internal HDD (HDD x 6)
  SHR-6164 : MAX 5 Internal HDD (HDD x 5)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD R/W (SHR-6164)
- Event Notifications by E-mail

Dimensions (unit:mm)
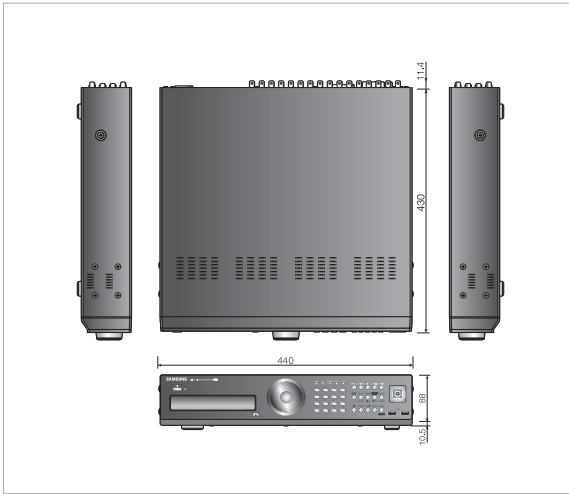
Rear Panel
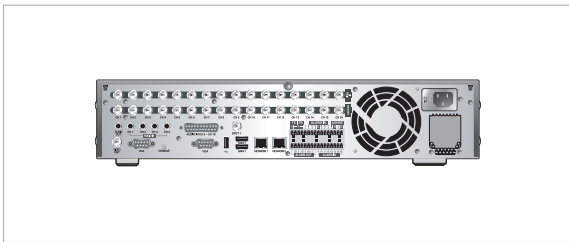
Specifications

Model			SHR-6163	SHR-6164
System	Language		Multi Language Support (16EA)	
	System Log / Event Log		●	
	Storage up (Capacity Notification)		●	
	O/S		Linux	
	Resolution Level		CIF / Half D1 / D1	
	Live Resolution		704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)		MPEG-4 / ADPCM	
	HDD		250 (Basic) / 500 / 750 / 1,000G (SATA)	
	Built In HDD Capacity		6EA	5EA
	Network Time Protocol (NTP)		●	
	Daylight Saving (Summer Time)		●	
	Text Data Recording (for POS)		● *	
	Jog Shuttle		●	
	System Keyboard Controller(SSC-5000)		●	
	RS-485		●	
	Video		16	
	Audio In/Out		4/1	
	Mouse I/F		●	
	Firmware update		● (Network / USB / CD / DVD)	
	Set up flle Export/Import		●	
Play back	Speed		x1/2, 1/4, 1/8, 2 ,4, 8, 16, 32, 64	
	Resolution&Frame Rate	NTSC	CIF:240ips / Half D1:120ips / D1:60ips	
		PAL	CIF:200ips / Half D1:100ips / D1:50ips	
Recording	Record Rate	NTSC	CIF:240ips / Half D1:120ips / D1:60ips	
		PAL	CIF:200ips / Half D1:100ips / D1:50ips	
	Normal		●	
	Schedule(Continuous / Event)		●	
	Event		●	
	Time Lapse		●	
	Time Lapse Spec		NTSC : 0.9/1.9/3.8/7.5/15 ips / PAL : 0.8/1.6/3.1/6.2/12.5 ips	
Event Rec	Alarm Input/Output		16/4	
	Event REC Duration(PRE)		5, 10, 20, 30 Sec	
	Event REC Duration(POST)		5, 10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Motion		● (3 Step)	
	Video loss		●	
	Notification (E-mail)		● E-mail (Motion/Alam/Video Loss/Power On&Off/Normal Rec Start & Stop/HDD Problem/Change password)	
Search	Time Search / Event Search		●	
	Back up Search / Pos Search		●	
	Motion Search		● (1hr limit)	
	Preview Search		●	
Back up	DVD		x	●
	USB		● (Version 2.0), 3EA	
	Format		AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	
Network	Simultaneous Network Connection		Live Monitoring 10 / Search 1Person	
	Network Spec		Cable Modem, Lan, ADSL	
	Network (TCP/UDP)		●	
	Web viewer S/W / CMS Support		●	
	Web viewer / BACK UP		●	
	P/T/Z		●	
	DDNS		●	
	Bandwidth setup		Unlimited/2/1.5/1 Mbps /800/600/500/400/300/128 kbps	
Camera	P/T/Z Device		Samsung / Pelco-D / Pelco-p / Panasonic / Phillips / AD / DIAMOND / ERNA/KALATEL / VCL TP / VICON (Total 12ea)	
Monitor	Dual Output (VGA/BNC)		●	
Video Out	Composite		● (BNC 1EA)	
	Spot		● (1EA)	
	VGA		● 800x600 (60Hz) /1024x768 (60Hz) /1280x1024 (60Hz)	
Storage			6EA (Without DVD)	5EA (With DVD)
Dimension			440(W) x 88(H) x 430(D) mm	
Weight			7.3Kg	

* I/F With VSI-Pro

# 8Ch CIF Resolution Real-time Standalone DVR
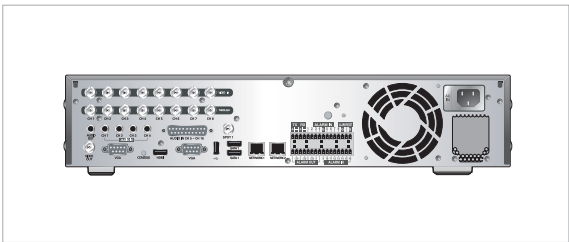# SHR-7080/7082

Features

- 8CH Real-time DVR
- Video (MPEG-4) / Audio (ADPCM)
- Up to 240 (NTSC) / 200 (PAL) IPS Recording rate
- Up to 8Ch Audio inputs and 1Ch Audio outputs
- Combined BNC and VGA/HDMI Video Output for main display
- SHR-7080 : Max 6 internal HDD (HDD x 6)
  SHR-7082 : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD-RW (SHR-7082)
- Event Notifications by E-mail

Dimensions (unit:mm)
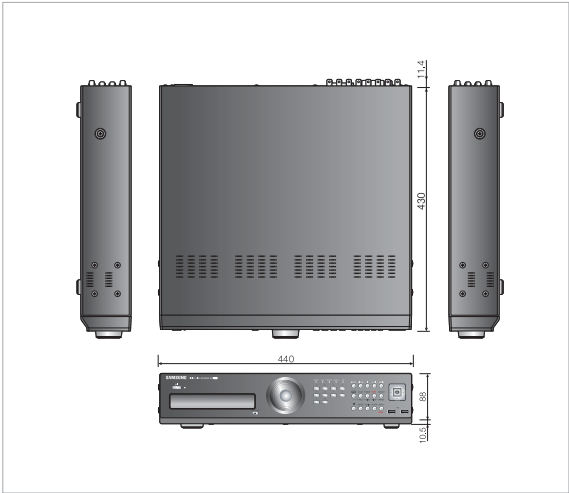
Rear Panel

Specifications

Model		SHR-7080	SHR-7082
System	Language	Multi Language Support (16EA)	
	System Log / Event Log	●	
	Storage up (Capacity Notification)	●	
	O/S	Linux	
	Resolution Level	CIF (240/200ips)	
	Live Resolution	704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)	MPEG-4 / ADPCM	
	HDD	500G SATA (Basic)	
	Built In HDD Capacity	6EA	5EA
	Network Time Protocol (NTP)	●	
	Daylight Saving (Summer time)	●	
	Text Data Recording (for POS)	●	
	Jog Shuttle	●	
	System Keyboard Controller(SSC-5000)	●	
	RS-485	●	
	Video	8	
	Audio In/Out	8/1	
	Admin/user set up (set)	● Back up/ Record(stop)/ Search/ PTZ/ Shut down	
	Mouse I/F	●	
	Firmware update	● (Network /USB)	
	Set up flle Export/Import	●	
Play back	Speed	x2 ,4, 8, 16, 32, 64	
Recording	Normal	●	
	Schedule(continuous / Event)	●	
	Event	●	
	Time Lapse	●	
	Time Lapse Spec	NTSC : 0.9/1.9/3.8/7.5/15 ips - PAL : 0.8/1.6/3.1/6.2/12.5 ips	
Event Rec	Alarm	●	
	Alarm Input/Output	8/4	
	Alarm PRE / POST	●	
	Event REC Duration(PRE)	5,10, 20, 30 Sec	
	Event REC Duration(POST)	5,10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Motion	● (3 Step)	
	Video loss	●	
	Notification (E-mail)	● E-mail (Motion/Alarm/Video Loss/Power On&Off/ Normal Rec Start & Stop/HDD Problem)	
Search	Time / Event / Back up / Pos / Motion	●	
Back up	DVD	x	●
	USB	● (Version 2.0),3EA	
	Format	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	
	Device Capacity Display	●	
Network	Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	
	Neteowrk Spec	Cable Modem, Lan , ADSL	
	Network (TCP/UDP)	●	
	Web viewer S/W / CMS Support	●	
	Web viewer / BACK UP	●	
	Web viewer port / P/T/Z Control	●	
	DDNS	●	
	Bandwidth setup	Unlimited/2/1.5/1 Mbps /800/600/500/400/300/128 kbps	
Camera	P/T/Z Device	Samsung/Pelco-D/Pelco-P Included 12ea	
Monitor	Dual Output (VGA/BNC)	●	
Video Out	Composite	● (BNC 1EA)	
	Spot	● (1EA)	
	VGA	● 800x600 (60Hz) / 1024x768 (60Hz) / 1280x1024 (60Hz)	
	HDMI	● 480/576p , 720p, 1080i, 1080p	
Dimension		440(W) x 88(H) x 430(D) mm	
Weight		7.3Kg	

# 16Ch CIF Resolution Real-time Standalone DVR
SHR-7160/7162

Features

- 16CH Real-time DVR
- Video (MPEG-4) / Audio (ADPCM)
- Up to 480 (NTSC) / 400 (PAL) IPS Recording rate
- Up to 16Ch Audio inputs and 1Ch Audio outputs
- Combined BNC and VGA/HDMI Video Output for main display
- SHR-7160 : Max 6 internal HDD (HDD x 6)
  SHR-7162 : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD-RW (SHR-7162)
- Event Notifications by E-mail

Dimensions (unit:mm)
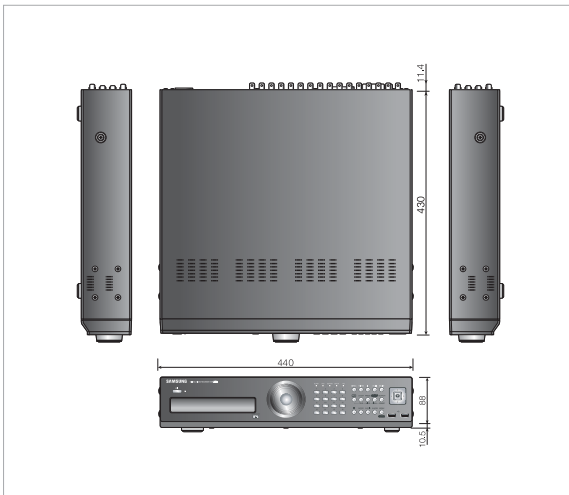
Rear Panel
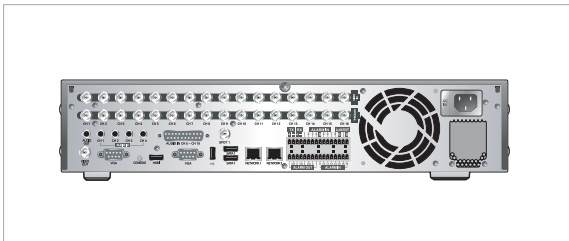
Specifications

Model		SHR-7160	SHR-7162
System	Language	Multi Language Support (16EA)	
	System Log / Event Log	●	
	Storage up (Capacity Notification)	●	
	O/S	Linux	
	Resolution Level	CIF (480/400ips)	
	Live Resolution	704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)	MPEG-4 / ADPCM	
	HDD	500G SATA (Basic)	
	Built In HDD Capacity	6EA	5EA
	Network Time Protocol (NTP)	●	
	Daylight Saving (Summer time)	●	
	Text Data Recording (for POS)	●	
	Jog Shuttle	●	
	System Keyboard Controller(SSC-5000)	●	
	RS-485	●	
	Video	16	
	Audio In/Out	16/1	
	Admin/user set up (set)	● Back up/ Record(stop)/ Search/ PTZ/ Shut down	
	Mouse I/F	●	
	Firmware update	● (Network /USB)	
	Set up flle Export/Import	●	
Play back	Speed	x2, 4, 8, 16, 32, 64	
Recording	Normal	●	
	Schedule(continuous / Event)	●	
	Event	●	
	Time Lapse	●	
	Time Lapse Spec	NTSC : 0.9/1.9/3.8/7.5/15 ips PAL : 0.8/1.6/3.1/6.2/12.5 ips	
Event Rec	Alarm	●	
	Alarm Input/Output	16/4	
	Alarm PRE / POST	●	
	Event REC Duration(PRE)	5,10, 20, 30 Sec	
	Event REC Duration(POST)	5,10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Motion	● (3 Step)	
	Video loss	●	
	Notification (E-mail)	● E-mail (Motion/Alarm/Video Loss/Power On&Off/ Normal Rec Start & Stop/HDD Problem)	
Search	Time / Event / Back up / Pos / Motion	●	
Back up	DVD	x	●
	USB	● (Version 2.0), 3EA	
	Format	AVI(•.avi) / EXE(•.exe) / DVR(•.bu)	
	Device capacity Display	●	
Network	Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	
	Neteowrk Spec	Cable Modem, Lan , ADSL	
	Network (TCP/UDP)	●	
	Web viewer S/W / CMS Support	●	
	Web viewer / BACK UP	●	
	Web viewer port / P/T/Z Control	●	
	DDNS	●	
	Bandwidth setup	Unlimited/2/1.5/1 Mbps /800/600/500/400/300/128 kbps	
Camera	P/T/Z Device	Samsung/Pelco-D/Pelco-P Included 12ea	
Monitor	Dual Output (VGA/BNC)	●	
Video Out	Composite	● (BNC 1EA)	
	Spot	● (1EA)	
	VGA	● 800x600 (60Hz) / 1024x768 (60Hz) / 1280x1024 (60Hz)	
	HDMI	● 480/576p , 720p, 1080i, 1080p	
Dimension		440(W) x 88(H) x 430(D) mm	
Weight		7.3Kg	

# 8Ch D1 Resolution Real-time Standalone DVR
SHR-8080/8082

Features

- 8CH D1 Real-time DVR
- Video (MPEG-4) / Audio (ADPCM)
- Up to 240 (NTSC) / 200 (PAL) IPS Recording rate
- Up to 8Ch Audio inputs and 1Ch Audio outputs
- Combined BNC and VGA/HDMI Video Output for main display
- SHR-8080 : Max 6 internal HDD (HDD x 6)
  SHR-8082 : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD-RW (SHR-8082)
- Event Notifications by E-mail

Dimensions (unit:mm)
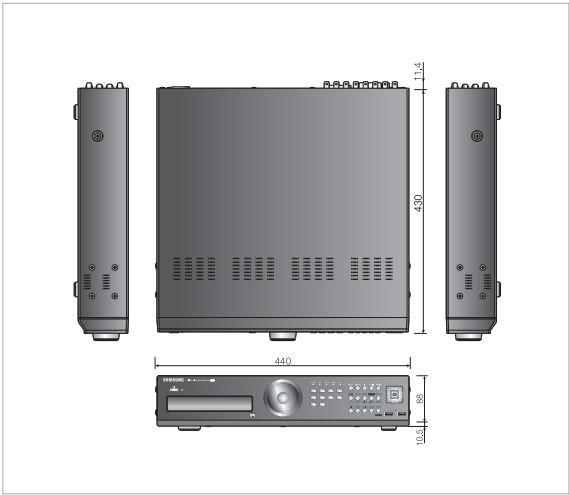
Rear Panel
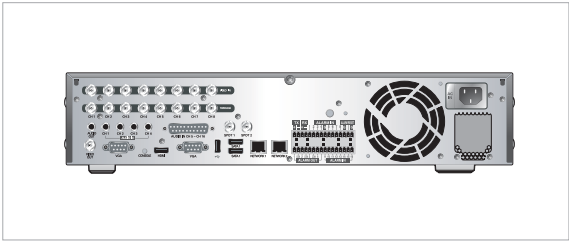
Specifications

Model		SHR-8080	SHR-8082
System	Language	Multi Language Support (16EA)	
	System Log / Event Log	●	
	Storage up (Capacity Notification)	●	
	O/S	Linux	
	Resolution Level	D1 (240/200ips)	
	Live Resolution	704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)	MPEG-4 / ADPCM	
	HDD	500G SATA (Basic)	
	Built In HDD Capacity	6EA	5EA
	Network Time Protocol (NTP)	●	
	Daylight Saving (Summer time)	●	
	Text Data Recording (for POS)	●	
	Jog Shuttle	●	
	System Keyboard Controller(SSC-5000)	●	
	RS-485	●	
	Video	8	
	Audio In/Out	8/1	
	Admin/user set up (set)	● Back up/ Record(stop)/ Search/ PTZ/ Shut down	
	Mouse I/F	●	
	Firmware update	● (Network /USB)	
	Set up flle Export/Import	●	
Play back	Speed	x2, 4, 8, 16, 32, 64	
Recording	Normal	●	
	Schedule(continuous / Event)	●	
	Event	●	
	Time Lapse	●	
	Time Lapse Spec	NTSC : 0.9/1.9/3.8/7.5/15 ips - PAL : 0.8/1.6/3.1/6.2/12.5 ips	
Event Rec	Alarm	●	
	Alarm Input/Output	8/4	
	Alarm PRE / POST	●	
	Event REC Duration(PRE)	5, 10, 20, 30 Sec	
	Event REC Duration(POST)	5, 10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Motion	● (3 Step)	
	Video loss	●	
	Notification (E-mail)	● E-mail (Motion/Alarm/Video Loss/Power On&Off/ Normal Rec Start & Stop/HDD Problem)	
Search	Time / Event / Back up / Pos / Motion	●	
Back up	DVD	x	●
	USB	● (Version 2.0), 3EA	
	Format	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	
	Device capacity Display	●	
Network	Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	
	Neteowrk Spec	Cable Modem, Lan, ADSL	
	Network (TCP/UDP)	●	
	Web viewer S/W / CMS Support	●	
	Web viewer / BACK UP	●	
	Web viewer port / P/T/Z Control	●	
	DDNS	●	
	Bandwidth setup	Unlimited/2/1.5/1 Mbps /800/600/500/400/300/128 kbps	
Camera	P/T/Z Device	Samsung/Pelco-D/Pelco-P Included 12ea	
Monitor	Dual Output (VGA/BNC)	●	
Video Out	Composite	● (BNC 1EA)	
	Spot	● (2EA)	
	VGA	● 800x600 (60Hz) /1024x768 (60Hz) /1280x1024 (60Hz)	
	HDMI	● 480/576p, 720p, 1080i, 1080p	
Dimension		440(W) x 88(H) x 430(D) mm	
Weight		7.3Kg	

# 16Ch D1 Resolution Real-time Standalone DVR
SHR-8160/8162

Features

- 16CH D1 Real-time DVR
- Video (MPEG-4) / Audio (ADPCM)
- Up to 480 (NTSC) / 400 (PAL) IPS Recording rate
- Up to 16Ch Audio inputs and 1Ch Audio outputs
- Combined BNC and VGA/HDMI Video Output for main display
- SHR-8160 : Max 6 internal HDD (HDD x 6)
  SHR-8162 : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA Interface
- DDNS
- Built-in Web viewer
- DVD-RW (SHR-8162)
- Event Notifications by E-mail

Dimensions (unit:mm)
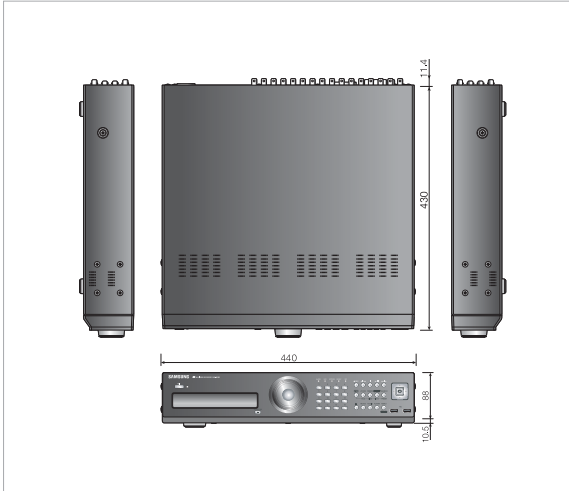
Rear Panel
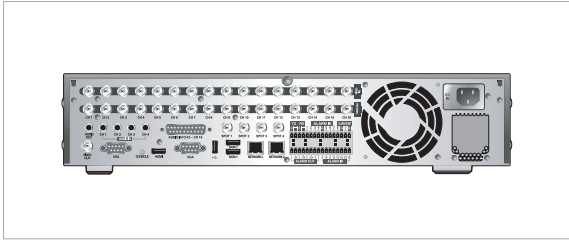
Specifications

Model		SHR-8160	SHR-8162
System	Language	Multi Language Support (16EA)	
	System Log / Event Log	●	
	Storage up (Capacity Notification)	●	
	O/S	Linux	
	Resolution Level	D1 (480/400ips)	
	Live Resolution	704 x 480 (NTSC) / 704 x 576 (PAL)	
	Codec (Video / Audio)	MPEG-4 / ADPCM	
	HDD	500G SATA (Basic)	
	Built In HDD Capacity	6EA	5EA
	Network Time Protocol (NTP)	●	
	Daylight Saving (Summer time)	●	
	Text Data Recording (for POS)	●	
	Jog Shuttle	●	
	System Keyboard Controller(SSC-5000)	●	
	RS-485	●	
	Video	16	
	Audio In/Out	16/1	
	Admin/user set up (set)	● Back up/ Record(stop)/ Search/ PTZ/ Shut down	
	Mouse I/F	● (Network /USB)	
	Firmware update	●	
	Set up flle Export/Import	●	
Play back	Speed	x2, 4, 8, 16, 32, 64	
Recording	Normal	●	
	Schedule(continuous / Event)	●	
	Event	●	
	Time Lapse	●	
	Time Lapse Spec	NTSC : 0.9/1.9/3.8/7.5/15 ips PAL : 0.8/1.6/3.1/6.2/12.5 ips	
Event Rec	Alarm	●	
	Alarm Input/Output	16/4	
	Alarm PRE / POST	●	
	Event REC Duration(PRE)	5, 10, 20, 30 Sec	
	Event REC Duration(POST)	5, 10, 20, 30 sec / 1, 3, 5, 10, 20 min	
	Motion	● (3 Step)	
	Video loss	●	
	Notification (E-mail)	● E-mail (Motion/Alarm/Video Loss/Power On&Off/ Normal Rec Start & Stop/HDD Problem)	
Search	Time / Event / Back up / Pos / Motion	●	
Back up	DVD	x	●
	USB	● 3EA	
	Format	AVI(●.avi) / EXE(●.exe) / DVR(●.bu)	
	Device capacity Display	●	
Network	Simultaneous Network Connection	Live Monitoring 10 / Search 1 Person	
	Neteowrk Spec	Cable Modem, Lan , ADSL	
	Network (TCP/UDP)	●	
	Web viewer S/W / CMS Support	●	
	Web viewer / BACK UP	●	
	Web viewer port / P/T/Z Control	●	
	DDNS	●	
	Bandwidth setup	Unlimited/2/1.5/1 Mbps /800/600/500/400/300/128 kbps	
Camera	P/T/Z Device	Samsung/Pelco-D/Pelco-P Included 12ea	
Monitor	Dual Output (VGA/BNC)	●	
Video Out	Composite	● (BNC 1EA)	
	Spot	● (4EA)	
	VGA	● 800x600 (60Hz) /1024x768 (60Hz) /1280x1024 (60Hz)	
	HDMI	● 480/576p, 720p, 1080i, 1080p	
Dimension		440(W) x 88(H) x 430(D) mm	
Weight		7.3Kg	

4Ch Real-time Standalone DVR (Released in 2Q)
SHR-3040

Features

- 4CH Video Input
- 1Ch Audio Input & 1Ch Output
- Video (H.264) / Audio(MP2)
- CIF Real-time recording capability
- Simultaneous VGA and composite output for main monitor
  (Up to 1280x1024)
- SATA I/F HDD Support (Internal Max. HDDx1)
- Built In Web viewer

Dimensions (unit:mm)

Rear Panel

Specifications

Model		SHR-3040
System	Language	Multi language Support English, German, French, Spanish, Italian,Russian, Portuguese, Japanese etc.
	Event Log	●
	Resolution	CIF (NTSC : 352x240 / PAL : 352x288)
	Live/Record Rate	NTSC 120/120 ips
		PAL 100/100 ips
	Codec	H.264 (Hardware Codec)
	HDD	320G(Basic)/500G/750G (SATA)
	Built In HDD Capacity	1 Slot
	Daylight Saving	●
	RS-485	●
	Video	4
	Audio In/Out	1/1
	Mouse I/F	● (Only PS2)
Play back	Speed	Fast, Fastest
Recording	Schedule(Time/Motion/Alarm)	●
Event Rec	Alarm	●
	Alarm Input	4
	Alarm Output	1 (Relay Out. Selectable NC/NO)
	Motion / Video loss	●
Search	Time/Date	●
	Percentage of HDD / Event	●
Back up	USB	● (Version 1.1)
	Format	AM4(Include Player)
Network	Simultaneous Network Connection	4
	Netework Spec	Cable Modem, Lan
	Network (TCP)	●
	Web viewer / BACK UP	●
	Web viewer port Set up	● (Remote Setup)
	Web viewer P/T/Z Control	●
	DDNS	●
	Firmware update	● (USB)
Camera	P/T/Z Device	●
Monitor	Dual Output (VGA/BNC)	●
Video Out	Composite / Spot	● (BNC 1EA)
	VGA	● 800x600 (60Hz) 1024x768 (60Hz) 1280x1024 (60Hz)
Dimension		371(W) x 62(H) x 247(D) mm
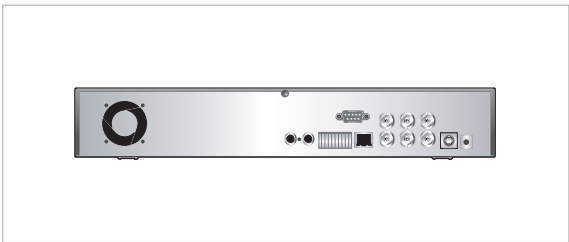
16Ch PC Based DVR
SPR-9716/9816

Features

- 16CH PC Based DVR
- CPU : Pentium Dual Core
- Main memory : DDR 512MB
- DVD-RW Built-in
- Compression Method : MPEG4
- Recording speed
  SPR-9716 : CIF 120 (NTSC) / 100 (PAL) IPS
  SPR-9816 : CIF 480 (NTSC) / 400 (PAL) IPS
- Data Back up : USB 2.0, CD / DVD-RW

Specifications

Model		SPR-9716	SPR-9816
Video	Input	BNC 16 Ports(CVBS)	
	Monitor Out	D-sub 1 Port(VGA), BNC 1 Port(CVBS)	
	Spot Out	BNC 2 Ports(CVBS)	
Audio	Input	D-sub 1 Port(16 Channel Cable)	
	Output	Stereo 1 Port	
Display	Max ips@CIF	NTSC(480)/PAL(400)	
	Division	1 / 4 / 6 / 9 / 10 / 13 / 16	
Recording	Max ips@CIF	NTSC(120)/PAL(100)	NTSC(480)/PAL(400)
	Resolution	NTSC(704 x 480, 704 x 240, 352 x 240)	
		PAL(720 x 576, 720 x 288, 352 x 288)	
	Type	Continuous, Motion, Object Watch, Alarm In, Pre Alarm, POS, Instant REC, Video Loss	
Alarm Input/Output		16 / 4	
PTZ		Supported (RS-485, RS-422, COM1, COM2(Option))	
System Keyboard		Supported (RS-485)	
POS		Supported (COM1)	
Remote S/W		Supported	
Network		Static IP, DHCP, ADSL(PPPoE), DDNS	
Backup	Media	USB, HDD, DVD-RW	
	Type	TIME, AVI, SFX, BMP, JPEG	
LAN		10/100Mbps	
O. S		Microsoft Windows XP Embedded	
Power Supply		SPC-500-12VW (400W)	
Power		110/220 selectable, AC 100~240V 50/60Hz, 400W Max	
Dimension		431(W) x 176(H) x 460(D) mm	
Weight		16 Kg	

Dimensions (unit:mm)

Hybrid PC DVR
SNR-1162

NETWORK
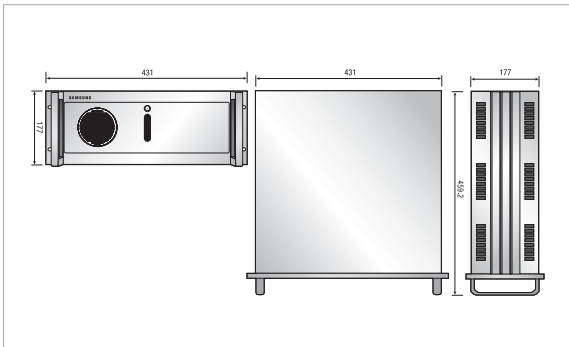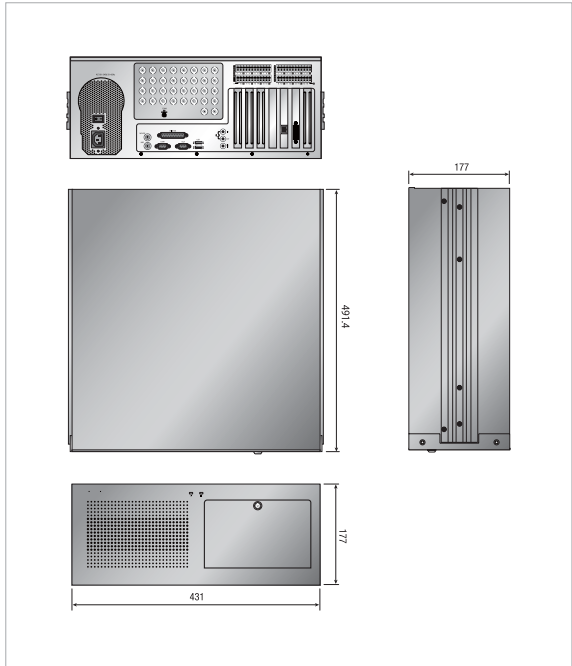
Features

- Video Recording of MPEG-4 and MPEG-4 Advance
- Up to 480/400 IPS, Programmable per Channel (CIF Resolution)
- 16Ch Audio Input / 1Ch Audio Output
- Hybrid Design. Up to Four IP Cameras Recording
- Built-in Webserver (Option : CMS Software)
- Easy Search/ Back Up Functions

Dimensions (unit:mm)

177
491.4
177
431

Specifications

Model			SNR-1162
System	CPU		Intel Pentium-IV 3.00GHz
	Operation System		Windows Embeded XP
	Compression		MPEG-4
	Type		Hardware
	Summer Time(DST) / Water Marking		•
	Clock Adjustment(NTP)		•
Video	Input	Anlog Input	16Ch ~ 12 Ch
		IP Input	0Ch~4Ch(Compatible with Samsung, AXIS) AXIS only J-PEG Picture support Compatible With Samsung Model(SNC-B2315, SNC-B5395, SNC-M300)
	Output	Loop through	16 Ch
		Main / SUB / VGA	1 / 1 / 1 Ch
	Display resolution/speed		720x480(NTSC)/720x576(PAL) / 480ips(NTSC)/400ips(PAL)
	Camera Name/Screen Split Control		Max. 22 Characters / Full, Quad, 7, 8, 9, 10, 13, 16
	Screen Rotate Control		1 ~ 600 Seconds(10 Minutes)
	Image Control		Contrast, Bright, Saturation, Hue
Audio	Compression / Input Channel		G.721/8khz, Mono/32kdps / 16 Ch
	Live Output		1 Channel
Recording	Resolution (pixel)	NTSC	352x240 / 704x240 / 704x480
		PAL	352x288 / 704x288 / 704x576
	Image Size	CIF(352x240)	1~3 kbytes / frame
		Half VGA(704x240)	2~6 kbytes / frame
		VGA(704x480)	4~12 kbytes / frame
	Recording Rate		CIF:480ips(NTSC)/400ips(PAL) Half D1:240ips(NTSC)/200ips(PAL) D1:120ips(NTSC)/100ips(PAL)
	Mode		Continuous / Schedule / Motion / Sensor
	Scheduling / Alarm Duration		256frame(0~240seconds) / 0~600seconds(10minutes), Continuous
	External EIDE Storage / Quality Level		Option / 5 Level
Play Back	Maximum Playback Speed	NTSC	CIF:480ips VGA(Half):240ips VGA:120ips
		PAL	CIF:400ips VGA(Half):200ips VGA:100ips
	Mode		Play,Pause,Stop Fast Forward/Reverse(2x,4x,8x,16x,32x,64x) Slow Forward/Reverse-1/2x,1/4x/1/8x Step Play-Forward/Reverse
Search	Normal Search		One CH, Data/Time, Thumbnail, Motion, Time Bar, Alarm Log, Text External Storage Backup NAS Backup, Museum, Detail by panorama, Manual, Calendar
	Smart Search(pixel Search)		Support
Remote	Monitoring Environment		Client S/W, Central Monitoring System, Web Browser
	Display		16ch Full Motion Transmission Max.16ch Real-time Transmission(Appx.20 clients accessible)
	Search		Search Supporting Multi. Client(Appx. 3 clients accessible)
Network	function		ADSL,Lan/Dynamic Ip supported
	Interface		RJ-45 x1:10/100/1G BASE-TX UDP, TCP/IP, HTTP, DHCP, SMTP, NTP, PPP
	Web viewer/BACK UP of Network		• / • *
	CMS(Central Management S/W)		• (Basic), Pro Version. Option
Alarm	Input		16Ports/NC or NO / Non-Isolate TTL Input / Ground Common
	Output		16Ports/NC or NO(Optional) Isolated Relay Output Four Isolated Common
Storage	Internal EIDE Storage		Default. 250 GB*1 HDD Max. 4HDD Embedded / 750GB x 4 HDD=3.0TB(basic 250G, 1HDD)
	External EIDE Storage / Interal I/F		Option / SATA
Back up	USB 2.0 I/F		Front x2, Rear x2
	DVD-RW		Support
	ETC		Removable HDD, NAS *
	Raid		1 (Mirror)
ELECTRICAL	Power Source		110 ~ 240VAC (50 ~ 60Hz) , Free Voltage
	Power Consumption		360 Watt Max
ENVIRONMENT	Operating Temperature		+5 ~ +40 °C
	Operating Humidity		30 ~ 90% RH (non-condensing)
	Color		Black AU
Dimension			431(W) x 177(H) x 491.4(D) mm
Weight			22.5kg

Network Cameras

SNC-B2315	SNC-B2331	SNC-B5399	SNC-C6225/C7225
SNC-B5395	SNC-B2335	SNC-C7478/C7478C	
SNC-M300	SNC-B5368		

NET-i is new IP SOLUTION of SAMSUNG which provides intelligent monitoring at Anytime from Anywhere.

Intelligence

Integration

NET-i

Eye

Innovation

Samsung proudly presents the solution, named **NET-i** that is a systematic, integrated and intelligent security & surveillance solution, provided with the best of breed technologies and Samsung's expertise in the industry.
Highly balanced and well structured technology of security & surveillance products of Samsung consist of **NET-i** solution.
The network based solution **NET-i** of Samsung & its related packages has positioned in innovative security solutions that bears the integrated and intelligent surveillance in real time basis at anywhere.

NET-i System Configuration

Analogue Camera

Analogue Camera

Network Encoder

Network Camera

Mega Pixel Camera

DVR

LAN Internet

NET-i CMS
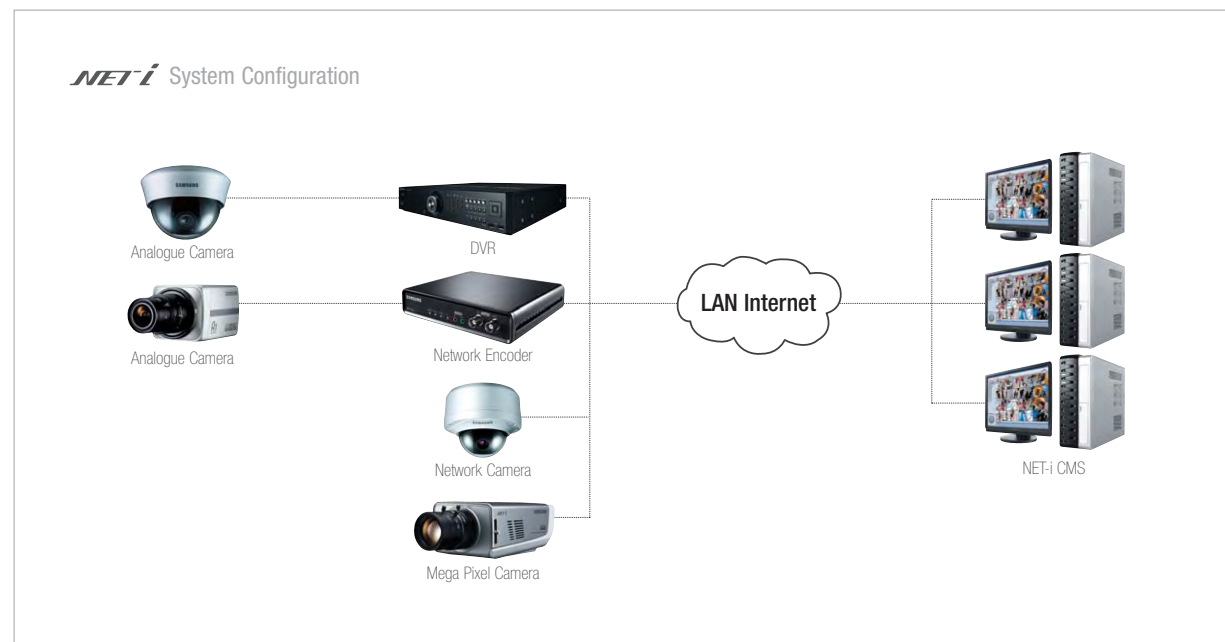
NET-i Viewer (Samsung Network Monitoring S/W)

- Monitoring Software for surveillance products of Samsung
  : Supports DVR, NET-i ware and Network Cameras
- Up to 32 Channels simultaneous real time live monitoring in single PC (When using Dual monitors)
- Supports various video and audio format
  : H.264, MPEG4, MJPEG, G.711, G.726, G.723, PCM
- Supports various video resolution
  : Mega Pixel (1M, 2M, 3M), D1, 4CIF, Half D1, VGA, CIF
- Powerful E-Map based monitoring support
- Bi-Directional Audio communication
- Remote PTZ control and Power PTZ (Click and Go control)
- Supports various search and playback options
  : Date and Time based search
  : Event (Alarm, Motion, Intelligent Video) based search
  : Normal Playback, Backward Playback, Fast/Slow Playback, Step Playback
- Notification in case of event occurring
  : Highlighting in the border of video window
  : Display event log message in real time
- Back up capability
  : Manual Backup
  : Format - REC1 (playback by NET-i viewer), SEC (self playback and watermark) AVI
  : CD, DVD Backup
  : External Storage (USB, NAS) Backup
- Manual Recording (up to 4 Channels) during 24 hours
- Multi-Level User access and authority management
- Multiple Language user interface support
  : English, French, Germany, Spanish, Italian, Russian, Chinese, Japanese, Korean
- Automatic search of network cameras for quick and easy configuration
- Easy Device management (IP change, configuration, firmware upgrade)
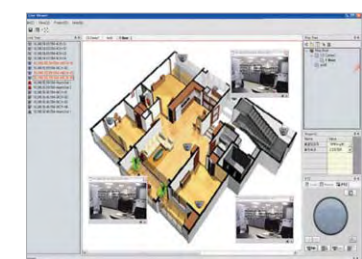- Automatic self upgrade (Connection to Samsung Upgrade Server)
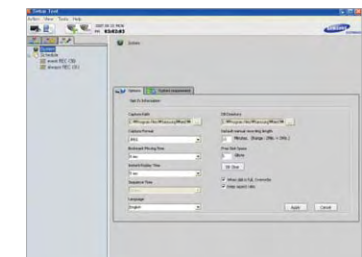
• Setup Tool
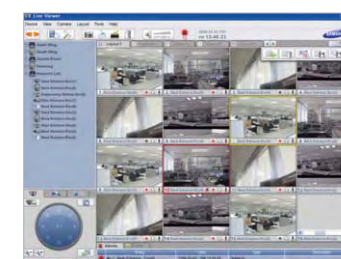
• Live Viewer

• Search Viewer

• Map Viewer

NET-i Ware

H.264 Technology

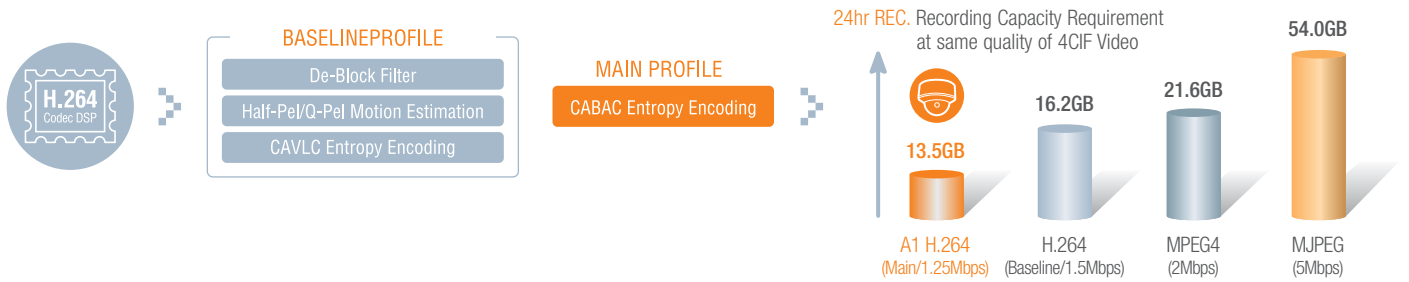## NET i Ware (Samsung Network Recording Server Software)

- Recording Software for Samsung Network Cameras
  : Up to 32 Network Cameras recording (SNS-SF032)
  : Up to 64 Network Cameras recording (SNS-SF064)
  * Recording channel extension is available by channel addition kit.
  * For the small scale installation, 4/8/16 cameras recording package will be available from Q1 2010.
  * Live video monitoring and search/playback of recorded video by NET-i viewer software
- Supports various video and audio format recording : H.264, MPEG4, MJPEG, G.711
- Supports various video resolution recording : Mega Pixel (1.3M/2M/3M), D1, 4CIF, VGA, CIF
- Delivers high performance recording : Up to 480fps(NTSC) / 400fps(PAL) recording at D1 resolution
- Triplex operation performance : Recording, Live video transfer, Recorded video transfer
- Supports various recording options
  : Continuous recording
  : Event based recording (including Pre/Post alarm recording)
   (Motion detection, I/V detection, Video loss, Alarm signal input)
  : Scheduled recording (including Holiday setup)
- Notification in case of event occurring
  : User defined alert sound output
  : E-mail to pre-assigned receiver
  : Notification to monitoring software (NET-i viewer)
- Event Log : System, User Access, Backup, Recording, Motion, Alarm, Video loss, I/V
- Back up capability
  : Manual Backup, Schedule Backup support
  : Format - REC1 (playback by NET-i viewer), SEC (self playback and watermark)
  : CD, DVD Backup
  : External Storage (USB, NAS) Backup
- Multiple disk allocation and distribution for stable recording
- Multi-Level User access and authority management
- IP filtering function for security access
- Multiple Language user interface support
  : English, French, Germany, Spanish, Italian, Russian, Chinese, Japanese, Korean
- Automatic search of network cameras for quick and easy configuration
- Easy camera management (IP change, configuration, firmware upgrade)
- Automatic self upgrade (Connection to Samsung upgrade server)
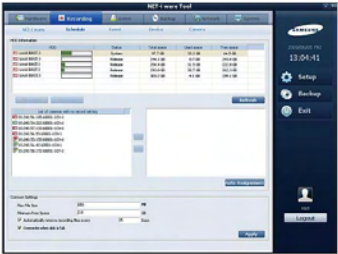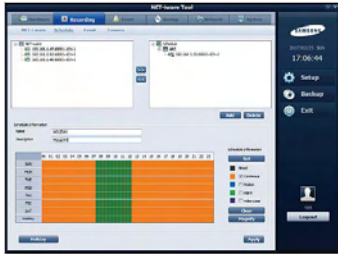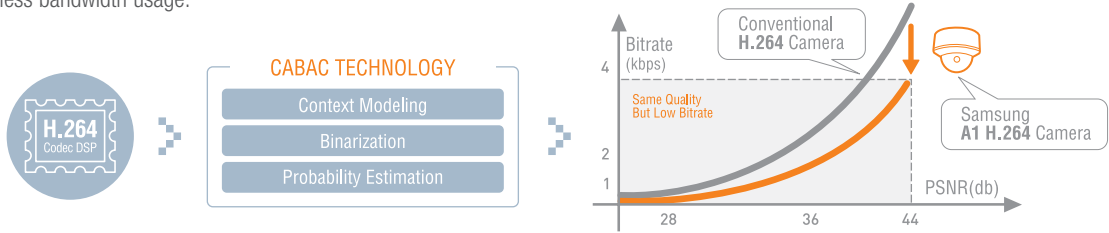
High Performance H.264 Compression

Samsung A1 Network Camera is designed to work with high performance H.264 Main Profile compression technology, so it can provide high-quality video at a much lower bit rate than normal MPEG4 or MJPEG camera. As a result of using H.264 Main Profile technology, A1 network camera offers over 14% of enhanced compression efficiency than other Baseline H.264 camera.

BASELINE PROFILE
- De-Block Filter
- Half-Pel/Q-Pel Motion Estimation
- CAVLC Entropy Encoding

MAIN PROFILE
- CABAC Entropy Encoding

H.264 Codec DSP

24hr REC. Recording Capacity Requirement at same quality of 4CIF Video

|				
13.5GB	16.2GB	21.6GB	54.0GB	
A1 H.264 (Main/1.25Mbps)	H.264 (Baseline/1.5Mbps)	MPEG4 (2Mbps)	MJPEG (5Mbps)	

CABAC Entropy coding Technology

Samsung A1 Network Camera has been adopted the H.264 CABAC Entropy Coding Technology, so the H.264 performance has been enhanced much better than normal H.264 compression method. With CABAC technology, Samsung network camera will provide a significant benefit to network transmitting with less bandwidth usage.

CABAC TECHNOLOGY
- Context Modeling
- Binarization
- Probability Estimation

H.264 Codec DSP

Bitrate (kbps)

Conventional H.264 Camera

Same Quality But Low Bitrate

Samsung A1 H.264 Camera

PSNR(db)

28   36   44

De-block Filter

The De-Block Filter technology allows Samsung A1 Network Camera to guarantee perfect image quality when it transmits low bit rate video through narrow bandwidth network. Because the De-Block Filter minimizes the block noise which is occurred when video is compressed highly to be sent through low speed bandwidth.

256Kbps

256Kbps

Conventional H.264 Camera Without De-Block Filter

Samsung A1 H.264 Camera With De-Block Filter
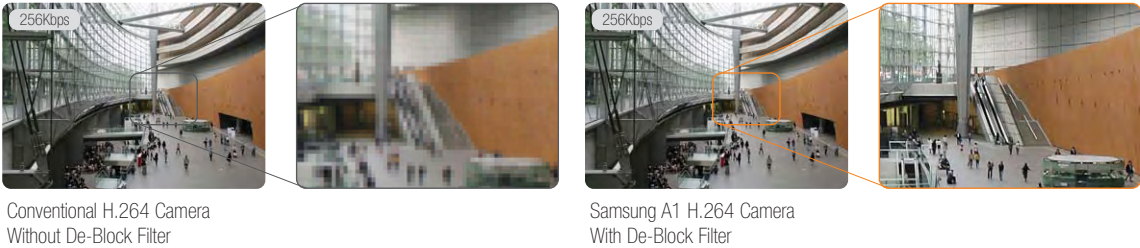
Multi-Codec & Multi-Usage

Dual Streaming including H.264 or MPEG4 and MJPEG can be transmitted simultaneously, enabling multiple purposes such as real time monitoring, high quality or high efficiency recording, mobile monitoring, E-mail notification, and SD memory save.

- H.264
- MPEG4
- MJPEG

Recording / Backup
Monitoring / Management
Mobile Monitoring
Save into SD memory
E-mail Notification
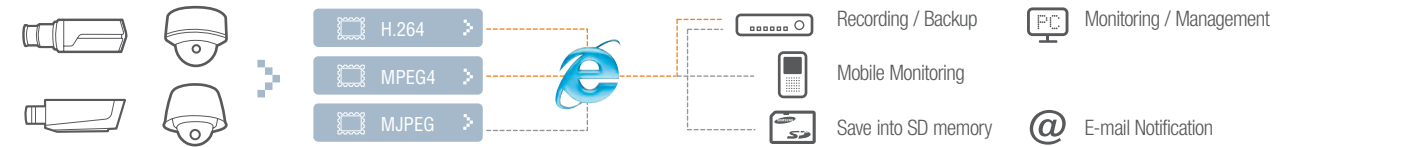
Network Terms & Features

3 Mega Pixel Network Camera (SNC-M300)

With 3 mega pixel resolution, SNC-M300 delivers sharp and vivid images for high-end surveillance and security monitoring.

VGA (640 x 480)

3 Mega Pixel (2048 x 1536)
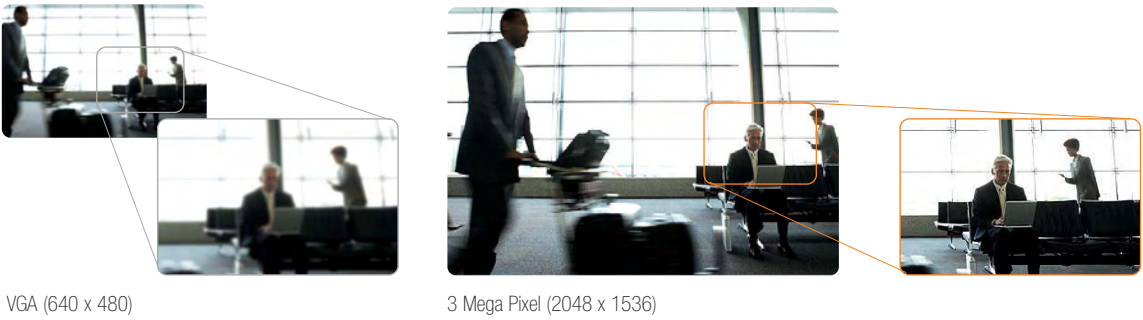
D1 High Resolution

Samsung network products with D1 high resolution provide clear, detailed, and amazingly bright images for surveillance and security monitoring.

VGA (640 x 480)

D1 (720 x 576, 720 x 480)
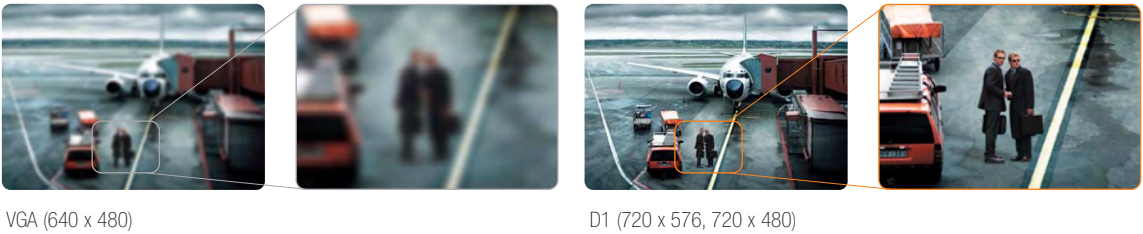
Dual Codec & Dual Streaming

Samsung network products with dual-encoding capability can generate and transfer both MJPEG and MPEG4 images simultaneously at 30fps (PAL 25fps) even though the image size is set to D1 resolution. This dual encoding and streaming capability is useful for transferring MPEG4 images over limited network bandwidth, while also storing high resolution MJPEG Images to the Nertwork Recording Software or NVR device.

CODEC1 MJPEG — High Bandwidth Network → Recording

CODEC2 MPEG4 — Low Bandwidth Network → Web
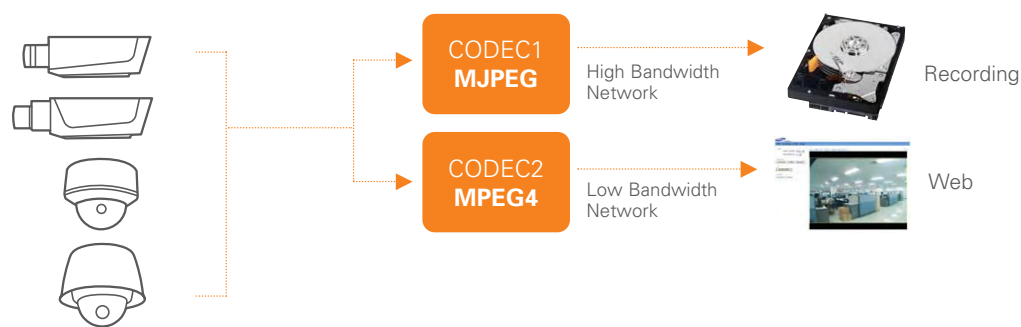
Real Time Frame Rates at D1 Resolution

Samsung network products adopted the High Performance TI DaVinci DSP technology which provides real-time framerate (NTSC:30fps, PAL:25fps) at D1 resolution. This ensures the network cameras capture every event.

30(25) frame/sec @ D1 Resolution

Low framerate network camera
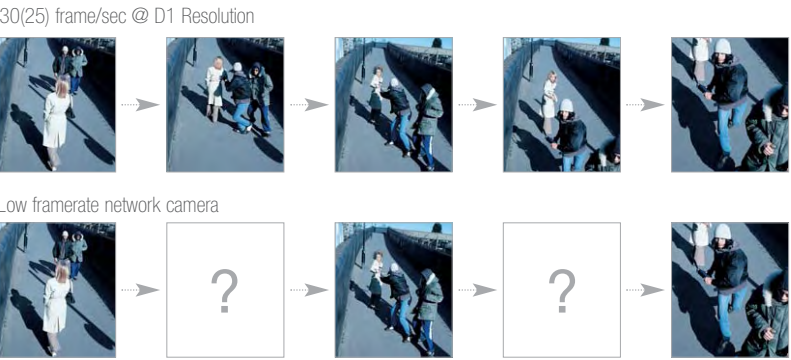
PoE (Power over Ethernet)

With built-in support for Power over Ethernet (PoE), the Samsung Network camera can be powered through the network cable, simplifying installation. Also, Samsung network cameras offer three power choices, AC24V, DC12V or PoE, with automatic detection making installation fast and efficient.

Normal connectivity
Network cable and power line
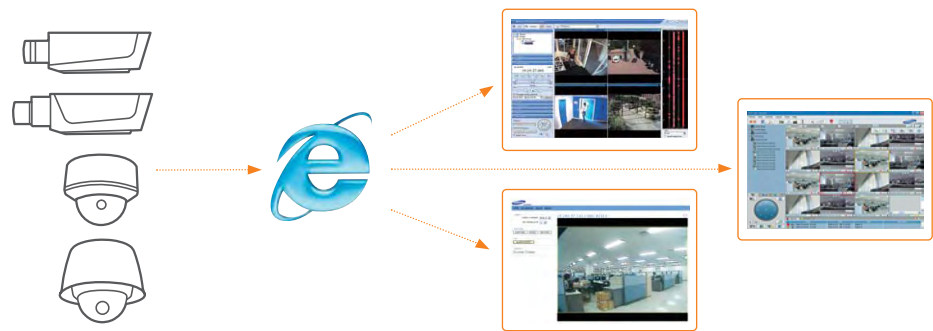
PoE
Only network cable needed
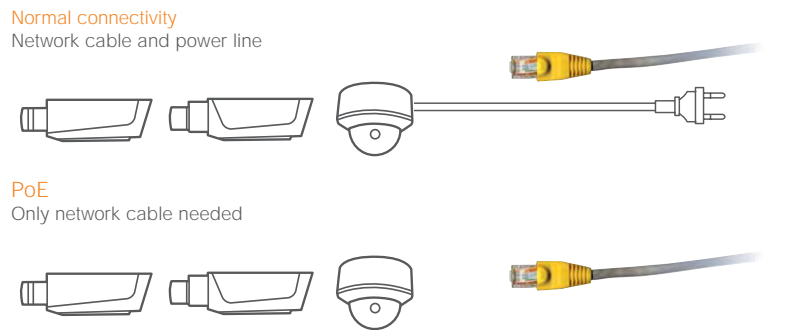
Pre/Post Alarm Image Buffering

When events occur, built-in buffering memory will store pre and post alarm images. These images can be transmitted to FTP server, sent via E-mail or recorded onto the SD memory card. Maximum buffering duration is total 60 seconds.
(When buffering 1ips) Maximum buffering image numbers are 5 images per second.
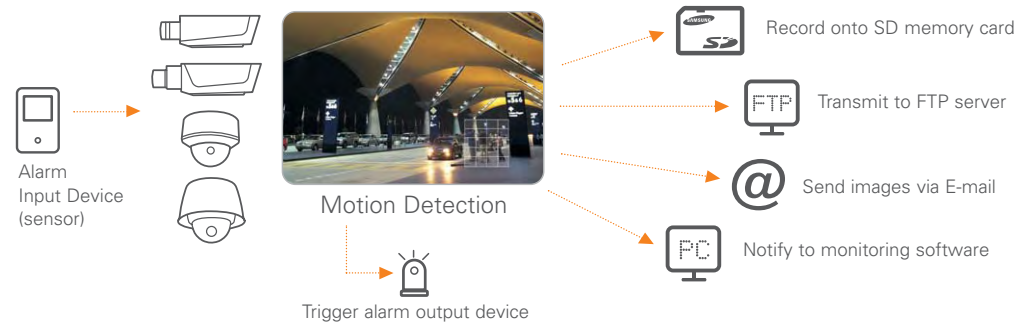(* SNC-M300 : pre 3 sec, post 3 sec)

Alarm

Pre Alarm Image | Main Alarm Image | Post Alarm Image

30 sec | 30 sec
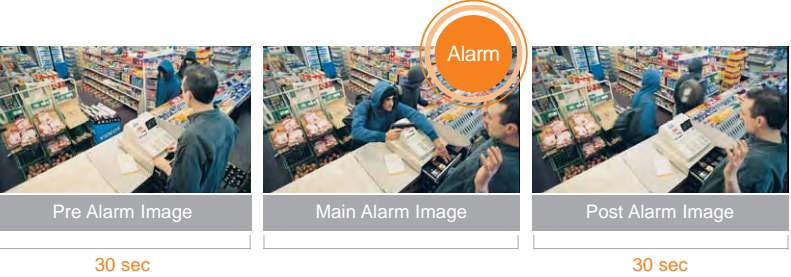
Network Terms & Features

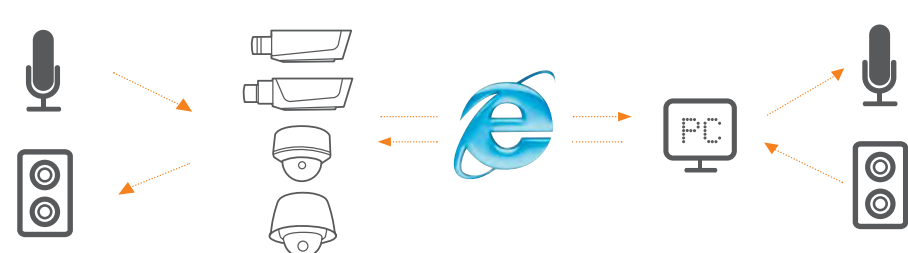## Monitoring by Web Browser, *NET~i* CMS and other VMS solutions

Network / Analogue Hybrid (except SNC-M300)

Network cameras enable true hybrid camera operation. With both Ethernet and BNC connections, Samsung network cameras can simultaneously stream network video across a network and analogue video via coaxial cabling to support existing analogue equipment.

CAT5 Ethernet Connection → PC

BNC Connection → DVR

CCTV MONITOR / CCTV Monitor

Remote Playback

NET~i software will provide various playback and search functions of the images stored on the SD card such as : Time and Date Search, Forward/Reverse Playback, Pause, Fast Forward/Rewind, and Frame by Frame Playback and Rewind. Also, the images from network cameras' SD memory can be monitored via the Web Viewer.

Alarm & Motion Detection

After a specific area has been selected for monitoring, if movement is detected in that area, the camera will trigger alarm outputs and Pre/Post images will be transmitted to FTP server, sent via E-mail or recorded onto the SD memory card.

Alarm Input Device (sensor)

Motion Detection

Trigger alarm output device

Record onto SD memory card

FTP   Transmit to FTP server

@   Send images via E-mail
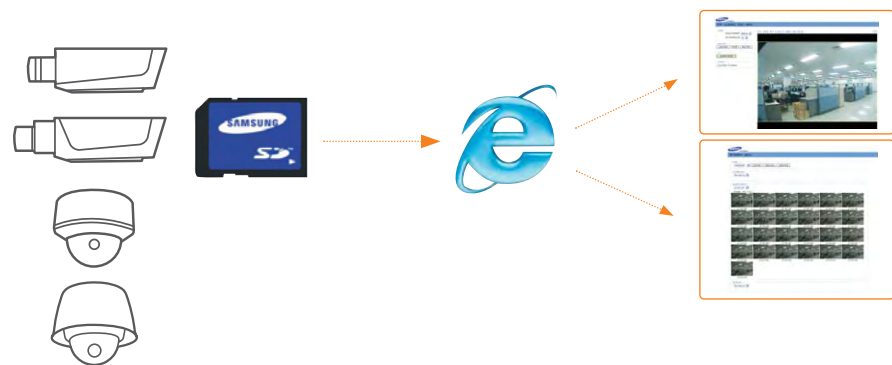
PC   Notify to monitoring software

2-Way Audio Communication

With built-in microphone and speaker jack, the network camera can provide 2-way Audio Communication between viewer application and camera.
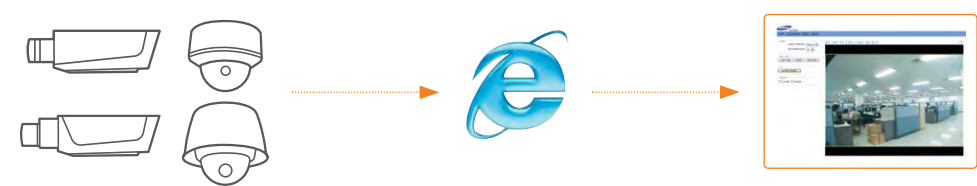

Built-in Web Server

With built in webserver, network camera and encoder offer remote network monitoring capability via Microsoft Internet Explorer. This feature is provided as the default option.

Dual Codec D1 Real-time Network Camera
SNC-B2315

Features

- Real-time 30/25 images per second at high resolution(D1)
- MPEG-4 & motion JPEG dual encoding and streaming simultaneously
- Video motion detection
- Pre/post alarm image buffering
- WDR (Wide Dynamic Range)
- Day/Night function (ICR)
- DDNS support
- Power over Ethernet (PoE) support
- Bi-directional audio support
- SD memory card slot for Alarm Recording

Real-time Framerate

SNC-B2315 adopted the High Performance TI DaVinci DSP technology which provides Real-time framerate (NTSC:30fps, PAL:25fps) at D1 resolution. This capability dosen't allow SNC-B2315 IP camera to miss important moments.
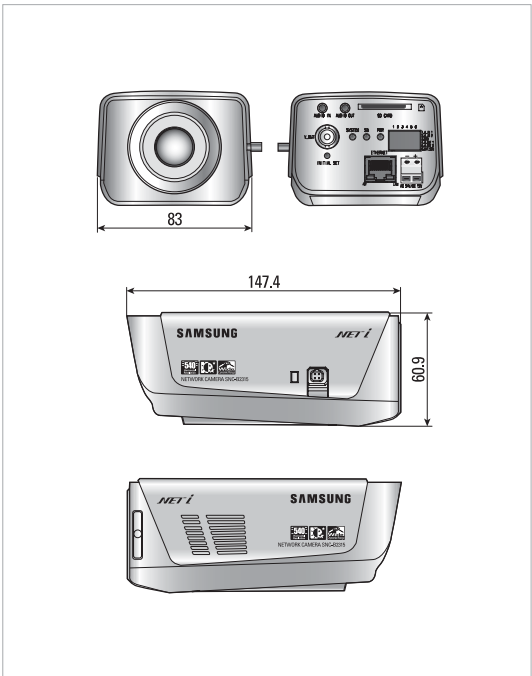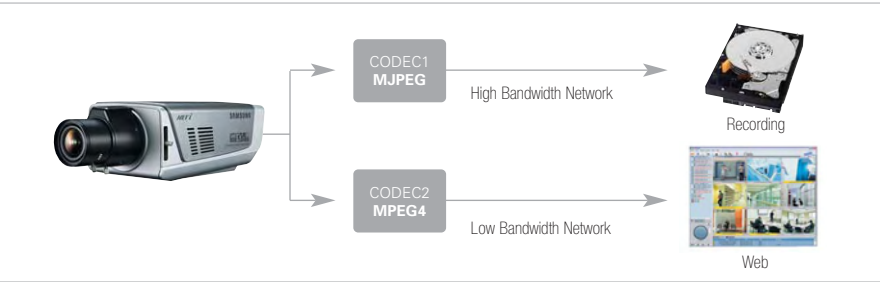
30(25) frame/sec @ D1 Resolution

Low framerate Network Camera

Dimensions (unit:mm)

83

147.4

60.9

Dual Encoding / Streaming

With dual-encoding capability, SNC-B2315 can generate and transfer both MJPEG and MPEG4 images simultaneously at 30fps (PAL 25fps) even though the image size is set to D1 resolution (NTSC 720x480, PAL 720x576). This dual encoding and streaming capability is useful for transferring MPEG4 images over limited network bandwidth, while also storing high resolution MJPEG Images to the Nertwork Recording Software or NVR device.

CODEC1 MJPEG — High Bandwidth Network — Recording

CODEC2 MPEG4 — Low Bandwidth Network — Web

SD Memory Slot

User can select important images to be recorded to the SD memory card such as: Alarm Events, Motion Detection or Time Scheduled Events. Using the WebViewer or Net-i software, you can remotely access the images from the SD card installed in the SNC-B2315.

* SNC-B2315 is compatible with SD and SDHC standard.   * SNC-B2315 can support up to 16GB capacity of SDHC memory.

Specifications

Model			SNC-B2315
Camera	Scanning System		NTSC : 525 Lines, 30f/sec / PAL : 625 Lines, 25f/sec
	Image Device		NTSC : 1/3" 410K SONY PS CCD / PAL : 1/3" 470K SONY PS CCD
	Pixels (Effective)		NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)
	Synchronizing System		Internal
	Resolution		Color: 540 TV Lines, B/W: 570 TV Lines
	S/N Ratio		50dB
	Min.Scene Illumination		Color : 0.4 Lux(50IRE) 0.0005 Lux(15IRE,Sens up 256x)
			B/W : 0.04 Lux(50IRE) 0.00005 Lux(15IRE,Sens up 256x)
	WDR		Yes (NTSC : 128x / PAL : 160x)
	Day/Night		Yes (ICR)
	DNR (Digital Noise Reduction)		Yes
	Lens		Auto Iris (Video/DC) / Manual Iris
	Lens Mount		CS/C (Mount adaptor)
	Video Output Level		VBS 1.0Vp-p (75Ω ,Composite)
Environment	Network Board	OS	Embedded Linux
	Client Viewer	OS	Windows XP, VISTA
Client S/W			1Ch WebBrowser Viewer(Default), NET-i S/W
Browser	Web browser		Internet explorer 6.0 higher
Compression	Audio & Video Codec		MPEG4, MJPEG, G.711
Network	Flash memory		32M byte
Hardware	SDRAM		128M byte
Network	Ethernet		10/100BASE-T
	Network Protocol	Network Protocol	TCP, UDP, NTP, HTTP, DHCP, PPPoE, FTP, SMTP, RTP/RTSP, VSIP
		Streaming	TCP, UDP(Unicast, Multicast)
		DDNS	Supporting Samsung DDNS and Public DDNS Servers
Video Resolution	NTSC	D1	720 x 480
		VGA	640 x 480
		CIF	352 x 240
	PAL	D1	720 x 576
		VGA	640 x 480
		CIF	352 x 288
Frame Rate	NTSC		30,15, 8, 3, 1 fps
	PAL		25, 13 , 6, 3, 1 fps
Video Quality	Quality		1 ~ 10 Level
Motion Detection	Sensitivity		High, Medium, Low
Audio	ADPCM	G.711	2-Way
Connection Users			Max 10 Users at Unicast Mode
Alarm Input / Output			2 / 2
Alarm Event	Alarm Input		Image Transfer : FTP, E-mail / Notification : Notify to Viewer
			Alarm Out / Recording : SD/SDHC Card
	Motion Detection		Image Transfer : FTP, E-mail / Notification : Notify to Viewer
			Alarm Out / Recording : SD/SDHC Card
	Schedule		Image Transfer : FTP, E-mail / Recording : SD/SDHC Card
IP Installer	IP Address Installation		IP Installation Function (XP, VISTA support)
Software Upgrade	Firmware Upgrade		Firmware Upgrade by Web Browser
Access Level	Login Access Level		Administrator, Operator, User
Time Setting			NTP Time Sync, PC Time Sync, Manual Setting
Language			Multiple Language GUI Support
SDK	HTTP API	CGI Command	Provides functionality to control ccameras and set / retrieve internal parameter values.
	Windows API		Windows API for viewing data streams from network camera.
Hardware	Input/Output sockets		Video Out(BNC), Power(2-Pin Term), RJ-45 / SD Card Slot
			Terminal 6Pin(Alarm In 2Pin, Alarm Out 2Pin, GND ,Day/Night In)
Operating Temperature / Operating Humidity			14˚F~122˚F(-10˚C~50˚C) / Less than 90%
Power Requirement / Power Consumption			AC24V(60/50Hz)/DC12V/ PoE / 8W
LED Indicator / Dimensions / Weight / Body Color			3 ea / 83(W) x 60.9(H) x 147.4(D)mm / 0.45kg / Silver

MPEG4 Anti-Vandal Dome Network Camera
SNC-B5395

Features

- Anti-vandal vari-focal dome network camera (IP66 grade)
- Real-time 30/25 images per second at high resolution (D1)
- MPEG-4 & motion JPEG dual encoding and streaming simultaneously
- Video motion detection
- Pre/post alarm image buffering
- Day/Night function (ICR)
- DDNS support
- Power over Ethernet (PoE) support
- Bi-directional audio support
- SD memory card slot for Alarm Recording

Dimensions (unit:mm)

121.1

ø150

Real-time Framerate

SNC-B5395 adopted the High Performance TI DaVinci DSP technology which provides Real-time framerate (NTSC:30fps, PAL:25fps) at D1 resolution. This capability dosen't allow SNC-B5395 IP camera to miss important moments.
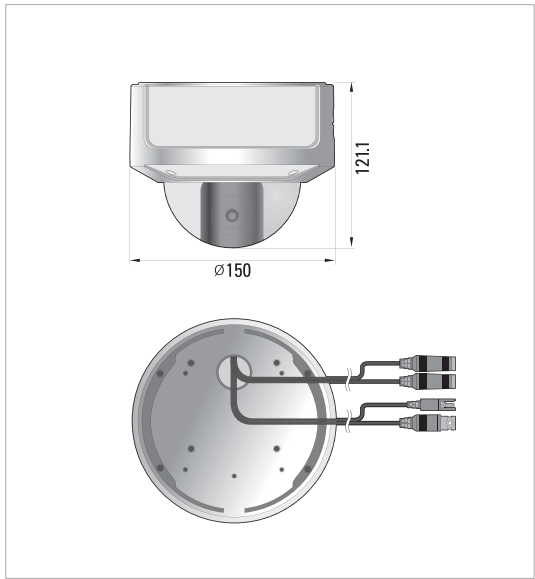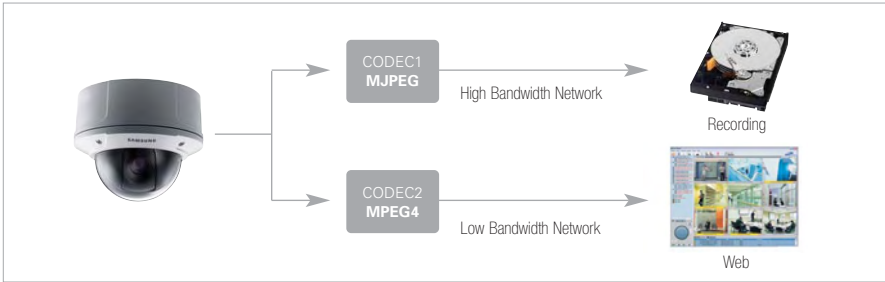

30(25) frame/sec @ D1 Resolution


Low framerate Network Camera

Dual Encoding / Streaming

With dual-encoding capability, SNC-B5395 can generate and transfer both MJPEG and MPEG4 images simultaneously at 30fps (PAL 25fps) even though the image size is set to D1 resolution (NTSC 720x480, PAL 720x576). This dual encoding and streaming capability is useful for transferring MPEG4 images over limited network bandwidth, while also storing high resolution MJPEG Images to the Nertwork Recording Software or NVR device.

SD Memory Slot

User can select important images to be recorded to the SD memory card such as : Alarm Events, Motion Detection or Time Scheduled Events. Using the WebViewer or Net-i software, you can remotely access the images from the SD card installed in the SNC-B5395.
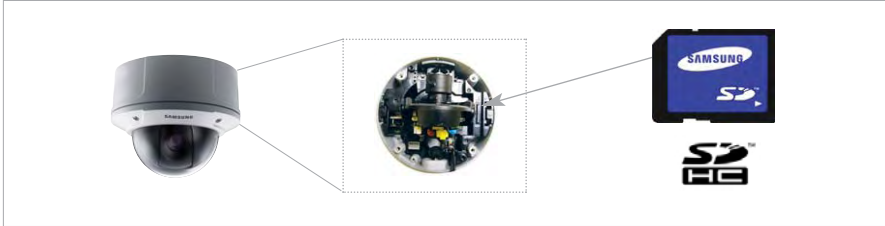
* SNC-B5395 is compatible with SD and SDHC standard.   * SNC-B5395 can support up to 16GB capacity of SDHC memory.

Specifications

| Model			SNC-B5395
Camera	Scanning System		NTSC : 525 Lines, 30f/sec / PAL : 625 Lines, 25f/sec
	Image Device		NTSC : 1/3" 410K Super-HAD CCD / PAL : 1/3" 470K Super-HAD CCD
	Pixels (Effective)		NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)
	Synchronizing System		Internal
	Resolution		Color: 540 TV Lines, B/W: 570 TV Lines
	S/N Ratio		50 dB
	Min.Scene Illumination		Color : 0.4 Lux(50IRE) 0.0005 Lux(15IRE,Sens up 256x)
			B/W : 0.04 Lux(50IRE) 0.00005 Lux(15IRE,Sens up 256x)
	Day/Night		Yes (ICR)
	DNR (Digital Noise Reduction)		Yes
	Lens		f2.9~10mm Vari-Focal Lens
	Low Speed Shutter		Yes
	Video Output Level		VBS 1.0Vp-p (75Ω ,Composite)
Environment	Network Board	OS	Embedded Linux
	Client Viewer	OS	Windows XP, VISTA
Client S/W			1CH WebBrowser Viewer(Default), Net-i S/W
Browser	Web browser		Internet Explorer 6.0 Higher
Compression	Audio & Video Codec		MPEG4, MJPEG, G.711
Network	Flash Memory		32M byte
Hardware	SDRAM		128M byte
Network	Ethernet		10/100BASE-T
	Network Protocol	Network Protocol	TCP, UDP, NTP, HTTP, DHCP, PPPoE, FTP, SMTP, RTP/RTSP, VSIP
		Streaming	TCP, UDP (Unicast, Multicast)
		DDNS	Supporting Samsung DDNS and Public DDNS Servers
Video Resolution	NTSC	D1	720 x 480
		VGA	640 x 480
		CIF	352 x 240
	PAL	D1	720 x 576
		VGA	640 x 480
		CIF	352 x 288
Frame Rate	NTSC		30, 15, 8, 3, 1 fps
	PAL		25, 13, 6, 3, 1 fps
Video Quality			1 ~ 10 Level
Motion Detection	Sensitivity		High, Medium, Low
Audio	ADPCM	G.711	2-Way
Connection Users			Max 10 Users at Unicast Mode
Alarm Input / Output			2 / 2
Alarm Event	Alarm Input		Image Transfer : FTP, E-mail / Notification : Notify to Viewer
			Alarm Out / Recording : SD/SDHC Card
	Motion Detection		Image Transfer : FTP, E-mail / Notification : Notify to Viewer
			Alarm Out / Recording : SD/SDHC Card
	Schedule		Image Transfer : FTP, E-mail / Recording : SD/SDHC Card
IP Installer	IP Address Installation		IP Installation Function (XP, VISTA support)
Software Upgrade	Firmware Upgrade		Firmware Upgrade by Web Browser
Access Level	Login Access Level		Administrator, Operator, User
Time setting			NTP Time Sync, PC Time Sync, Manual Setting
Language			Multiple Language GUI support
SDK	HTTP API	CGI Command	Provides functionality to control ccameras and set / retrieve internal parameter values.
	Windows API		Windows API for viewing data streams from network camera.
Hardware	Input/Output sockets		Video Out(BNC), Power(2-Pin Term), RJ-45 / SD Card Slot
			Terminal 6Pin(Alarm In 2Pin, Alarm Out 2Pin, GND ,Day/Night In)
Operating Temperature / Operating Humidity			14℉~122℉(-10℃~50℃) **/** Above 90% (waterproof)
Power Requirement / Power Consumption			AC24V(60/50Hz)/DC12V/PoE **/** 8W
Dimensions / Weight / Body Color			150(ø) x 121(H)mm **/** 1.16kg **/** Pearl White

3 Mega-Pixel Network Camera
SNC-M300

Features

- 3 mega pixel network camera
- MPEG-4 & motion JPEG dual encoding and streaming simultaneously
- 1.3 / 2 / 3 mega pixel resolution (selectable)
- Video motion detection
- Pre/post alarm image buffering
- DDNS support
- Power over Ethernet (PoE) support
- Bi-directional audio support
- SD memory card slot for Alarm Recording

Dimensions (unit:mm)

83
147.4
60.9

Dual Encoding / Streaming

With dual-encoding capability, SNC-M300 can generate and transfer both MJPEG and MPEG4 images simultaneously. This dual encoding and streaming capability is useful for transferring MPEG4 images over limited network bandwidth, while also storing high resolution MJPEG Images to the Nertwork Recording Software or NVR device.

CODEC1 MJPEG — High Bandwidth Network — Recording
CODEC2 MPEG4 — Low Bandwidth Network — Web
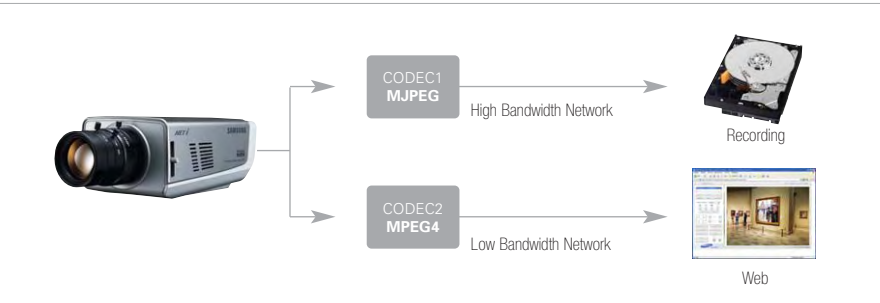
* SNC-M300 supports only VGA(640x480) Resolution at MPEG4 mode.
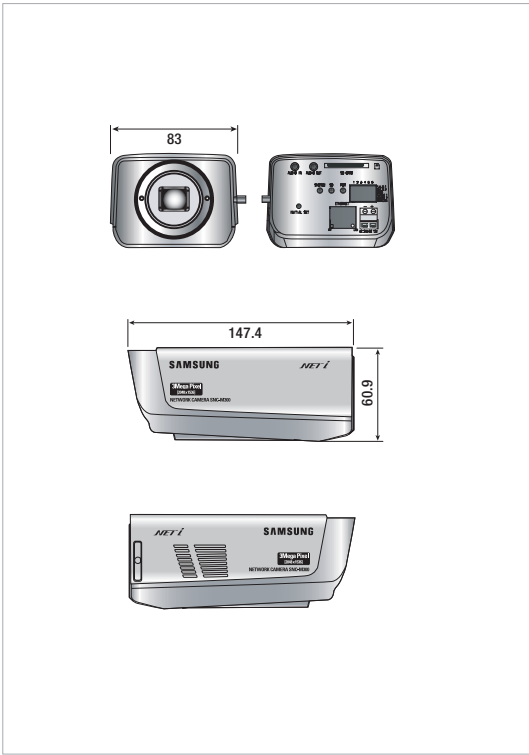
SD Memory Slot

User can select important images to be recorded to the SD memory card such as : Alarm Events, Motion Detection or Time Scheduled Events. Using the WebViewer or Net-i software, you can remotely access the images from the SD card installed in the SNC-M300.
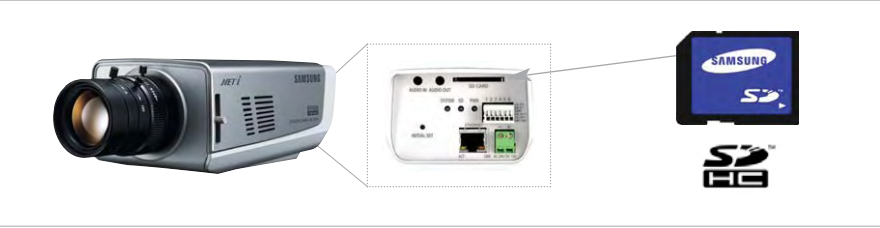
* SNC-M300 is compatible with SD and SDHC standard.
* SNC-M300 can support up to 16GB capacity of SDHC memory.

Specifications

Model			SNC-M300
Camera	Scanning System		Progressive QXGA
	Image Device		1/2" 3 Mega Pixel CMOS
	Synchronizing System		Internal
	Resolution		MJPEG : 2048x1536, 1600x1200, 1280x1024 / MPEG4 : 640x480
Environment	Network Board	OS	Embedded Linux
	Client Viewer	OS	Windows XP, VISTA
Client S/W			1CH WebBrowser Viewer(Default), Net-i S/W
Browser	Web Browser		Internet Explorer 6.0 Higher
Compression	Audio & Video Codec		MPEG4, MJPEG, G.711
Network	Flash Memory		32M byte
Hardware	SDRAM		128M byte
Network	Ethernet		10/100BASE-T
	Network Protocol	Network Protocol	TCP, UDP, NTP, HTTP, DHCP, FTP, SMTP, RTP/RTSP, VSIP
		Streaming	TCP, UDP(Unicast, Multicast)
		DDNS	Supporting Samsung DDNS and Public DDNS Servers
Video Resolution	NTSC/PAL	MJPEG	3 MegaPixel (2048 X 1536)
			2 MegaPixel (1600 X 1200)
			1.3 MegaPixel (1280 X 1024)
		MPEG4	VGA (640x480) Only
Frame Rate	NTSC/PAL	MJPEG	3 MegaPixel : 12, 6, 3, 1 FPS
			2 MegaPixel : 19, 10, 5, 1 FPS
			1.3 MegaPixel : 25, 13, 6, 1 FPS
		MPEG4	Same as MJPEG Framerate @ VGA
Video Quality			1 ~ 10 Level
Motion Detection	Sensitivity		High, Medium, Low
Audio	ADPCM	G.711	2-Way
Connection Users			Max 10 Users at Unicast Mode
Alarm Input / Output			2 / 2
Alarm Event	Alarm Input		Image Transfer : FTP, E-mail / Notification : Notify to Viewer
			Alarm Out / Recording : SD/SDHC Card
	Motion Detection		Image Transfer : FTP, E-mail / Notification : Notify to Viewer
			Alarm Out / Recording : SD/SDHC Card
	Schedule		Image Transfer : FTP, E-mail / Recording : SD/SDHC Card
IP Installer	IP Address Installation		IP Installation Function (XP, VISTA support)
Software Upgrade	Firmware Upgrade		Firmware Upgrade by Web Browser
Access Level	Login Access Level		Administrator, Operator, User
Time Setting			NTP Time Sync, PC Time Sync, Manual Setting
Language			Multiple Language GUI Support
SDK	HTTP API	CGI Command	Provides Functionality to Control Cameras and Set/Retrieve Internal Parameter Values.
	Windows API		Windows API for Viewing Data Streams from Network Camera.
Hardware	Input/Output sockets		Power(2-Pin Term), RJ-45, SD Card Slot, Terminal 6Pin (Alarm In 2Pin, Alarm Out 2Pin, GND)
Operating Temperature			14°F~122°F(-10°C~50°C)
Operating Humidity			Less than 90%
Power Requirement			AC24V(60/50Hz)/DC12V/ PoE
LED Indicator			3 EA
Dimensions			83(W) x 60.9(H) x 147.4(D)mm
Weight			0.42Kg
Body Color			Silver

H.264 4CIF Real-Time Network Camera
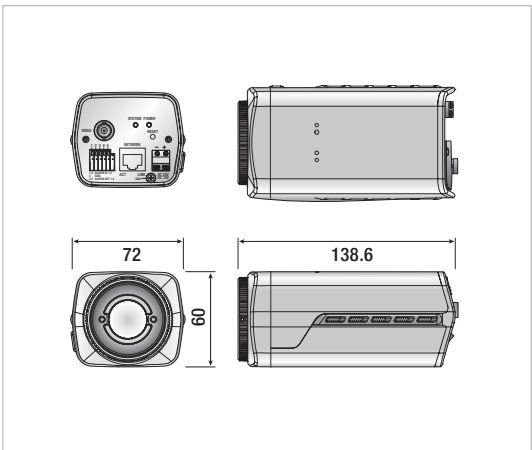# SNC-B2331 `NEW`

Features

- Real-time 30(25)ips at High Resolution(4CIF)
- H.264, MPEG-4 & MJPEG Multiple Encoding
- Progressive Scan
- Day/Night Function (Software)
- XDR (eXtended Dynamic Range)
- Motion Adaptive DNR (Dynamic Noise Reduction)
- Privacy Mask (12 ea)
- DIS (Digital Image Stabilizer)
- PoE (Power over Ethernet)
- HTTPS security support
- IPv4/IPv6 support
- Standard RTP/RTSP support

Dimensions (unit:mm)

72   138.6   60

Specifications (Camera)

Model			SNC-B2331
Camera Type	Color/BW		Color
Image	Device		Super-HAD PS CCD
	Size		1/3 inch
	Scan		Progressive Scan
	Pixels	Total	NTSC : 811 x 508 / PAL : 795 x 596
		Effective	NTSC : 768 x 494 / PAL : 752 x 582
Scanning	Horizontal	Internal Mode	NTSC : 15,734 Hz / PAL : 15,625 Hz
	Frequency	Line-lock Mode	NTSC : 15,750 Hz / PAL : 15,625 Hz
	Vertical	Internal Mode	NTSC : 59.94 Hz / PAL : 50 Hz
	Frequency	Line-lock Mode	NTSC : 60 Hz / PAL : 50 Hz
Min. Scene	Color	Sens Off	0.12 Lux(15IRE), 0.2 Lux(30 IRE), 0.4Lux(50 IRE)
Illumination		Sens Up 512x	0.00023 Lux (15IRE), 0.0005 Lux(30IRE), 0.0008Lux(50IRE)
@ F1.2	B/W	Sens Off	0.12 Lux(15IRE), 0.2 Lux(30 IRE), 0.4Lux(50 IRE)
		Sens Up 512x	0.00023 Lux(15IRE), 0.0005 Lux(30IRE), 0.0008Lux(50IRE)
Functions	Number of Privacy Zone		12 (Polygonal Method)
(OSD Menu)	Day/Night		Color / BW / AUTO (Soft Method)
	eXtended Dynamic Range		Off/On (Level Setting)
	D-Zoom		1x ~ 16x (0.1x STEP)
	PIP		Off/On
	High Speed Shutter		NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	Flickerless		Off/On
	Sens Up		2x ~ 512x
	BLC		Off/On (Area Setting)
	AGC		Off/On (Max.Level Setting)
	White Balance		ATW1 / ATW2 / AWC / 3200K / 5600K
	Digital Noise Reduction(DNR)		Off/On (Adaptive 3D+2D)
	Digital Image Stabilizer(DIS)		Off/On
	Camera ID		Off/On (Max.54ea / 2Line)
	Etc. Function		Detail, Reverse(H/V), Posi / Nega
Resolution	Horizontal		600 TV Lines
	Vertical		350 TV Lines
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p
S/N Ratio	S/N Ratio		52 dB
Lens	Lens Drive Type		MANUAL/AI(VIDEO/DC)
	Mount Type		CS/C
Environmental	Operating Temperature		-10°C ~ +50°C
Conditions	Operating Humidity		Less than 90%
Power	Power Requirement		AC24V, DC12V, PoE
	Power Consumption		7W
	LED Indicator		Yes
Physical	Dimensions (WxHxD)		72 x 60 x 138.6 mm
Specification	Weight	Net	300g
	Color	Body	Silver

Specifications (Network)

Model			SNC-B2331
Network Board	OS		Embedded Linux
	Hardware	Flash memory	32M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100BASE-T)
		Video Out	VBS 1.0Vp-p
		PoE	Yes (IEEE802.3af)
Alarm	Input		2 ea
	Output		2 ea
Video	Compression		H.264 / MPEG4 / MJPEG Multiple Codec (H.264 / MPEG4 selectable) Simultaneous Dual Streaming
	Resolution	4CIF	NTSC : 704x480 PAL : 704x576
		VGA	640x480
		CIF	NTSC : 352x240 PAL : 352x288
	Frame Rate		NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality		1 ~ 10 level (CBR/VBR)
Audio	Compression		N/A
	Bi-Directional Communication		N/A
OSD	Camera Control and Adjustment		OSD menu on Video (Menu enter/exit, move by Web UI)
Motion Detection	Sensitivity and Area Setting		High, Medium, Low
Protocol	IP		IPv4 / IPv6
	Network Protocol	IPv4	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming		Unicast, Multicast
	Security		HTTPS(SSL) Login Authentication, Digest Login Authentication
	DDNS		Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access		Max 10 Users at Unicast Mode, Max 20 Users at Multicast Mode
	User Access Level	Administrator	Live Monitoring, Alarm I/O control, OSD menu control, SETUP
		Operator	Live Monitoring, Alarm I/O control
		User	Live Monitoring
Event	Alarm Input		JPEG Image transfer : FTP
Management	Motion Detection		Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule		JPEG Image transfer : FTP
Web Browser	Supported OS		Windows XP, VISTA
Viewer(Default)	Supported Browser		Internet Explorer 6.0 or Higher
	UI Language		E / F / G / S / I / C / K
	S/W upgrade		Using Web viewer UI
Video Player	RTP/RTSP streaming		Quicktime, VLC player
Video Management Software			Samsung NET-i, 3rd Party S/W appliction
Application	IP Installation		IP Installer Application for All Samsung IP Devices
SDK	HTTP API	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values. Get JPEG image or MJPEG stream, Alarm In/Out control
	RTP/RTSP API		RTP Header, RTSP Command Document
	ActiveX	SDK	ActiveX API for viewing data streams from Network camera

H.264 4CIF Real-Time WDR Network Camera
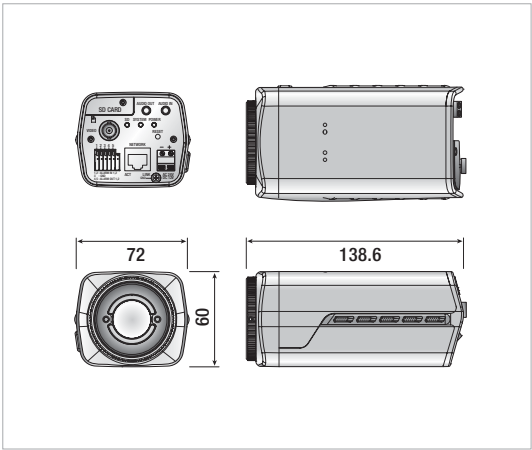# SNC-B2335 `NEW`

Features

- Real-time 30(25)ips at High Resolution (4CIF)
- H.264, MPEG-4 & MJPEG Multiple Encoding
- Progressive Scan
- Day/Night Function (ICR)
- WDR (Wide Dynamic Range)
- Bi-directional Audio Support
- SD Memory Slot for Internal Recording
- Intelligent Video Analytics
- XDR (eXtended Dynamic Range)
- Motion Adaptive DNR (Dynamic Noise Reduction)
- Privacy Mask (12 ea)
- DIS (Digital Image Stabilizer)
- PoE (Power over Ethernet)

Dimensions (unit:mm)

72 · 60 · 138.6

Specifications (Camera)

Model			SNC-B2335
Camera Type	Color/BW		Color
Image	Device		Super-HAD PS CCD
	Size		1/3 inch
	Scan		Progressive Scan(When WDR ON, Interlaced Scan)
	Pixels	Total	NTSC : 811 x 508 / PAL : 795 x 596
		Effective	NTSC : 768 x 494 / PAL : 752 x 582
Scanning	Horizontal	Internal Mode	NTSC : 15,734 Hz / PAL : 15,625 Hz
	Frequency	Line-lock Mode	NTSC : 15,750 Hz / PAL : 15,625 Hz
	Vertical	Internal Mode	NTSC : 59.94 Hz / PAL : 50 Hz
	Frequency	Line-lock Mode	NTSC : 60 Hz / PAL : 50 Hz
Min. Scene	Color	Sens Off	0.12 Lux(15IRE), 0.2 Lux(30IRE), 0.4Lux(50IRE)
Illumination		Sens Up 512x	0.00023Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE)
@ F1.2	B/W	Sens Off	0.012Lux(15IRE), 0.02Lux(30IRE), 0.04Lux(50IRE)
		Sens Up 512x	0.000023Lux (15 IRE), 0.00005Lux(30IRE), 0.00008Lux(50IRE)
Functions	Number of Privacy Zone		12 (Polygonal Method)
(OSD Menu)	Day/Night		Color / BW / AUTO / EXT (IR Cut Filter)
	eXtended Dynamic Range(XDR)		Off/On (Level Setting)
	Wide Dynamic Range(WDR)		NTSC : Off/On (128x) / PAL : Off/On (160x)
	D-Zoom		1x ~ 16x (0.1x STEP)
	PIP		Off/On
	High Speed Shutter		NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	Flickerless		Off/On
	Sens Up		2x ~ 512x
	BLC		Off/On (Area Setting)
	AGC		Off/On (Max.Level Setting)
	White Balance		ATW1 / ATW2 / AWC / 3200K / 5600K
	Digital Noise Reduction(DNR)		Off/On (Adaptive 3D+2D)
	Digital Image Stabilizer(DIS)		Off/On
	Camera ID		Off/On (Max.54ea/2Line)
	Etc. Function		Detail, Reverse(H/V), Posi/Nega
Resolution	Horizontal		600 TV Lines
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p
S/N Ratio	S/N Ratio		52 dB
Lens	Lens Drive Type		MANUAL/AI(VIDEO/DC)
	Mount Type		CS/C
Environmental	Operating Temperature		-10˚C ~ +50˚C
Conditions	Operating Humidity		Less than 90%
Power	Power Requirement		AC24V, DC12V, PoE
	Power Consumption		8W
	LED Indicator		Yes
Physical	Dimensions (WxHxD)		72 x 60 x 138.6 mm
Specification	Weight	Net	310g
	Color	Body	Silver

Specifications (Network)

Model			SNC-B2335
Network Board	OS		Embedded Linux
	Hardware	Flash memory	32M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100BASE-T)
		Video Out	VBS 1.0Vp-p
		Audio	Line In / Line Out
		SD Memory Slot	Yes (SD/SDHC)
		PoE	Yes (IEEE802.3af)
Alarm	Input		2 ea
	Output		2 ea
Video	Compression		H.264 / MPEG4 / MJPEG Multiple Codec(H.264 / MPEG4 selectable) Simultaneous Dual Streaming
	Resolution	4CIF	NTSC : 704x480 / PAL : 704x576
		VGA	640x480
		CIF	NTSC : 352x240 / PAL : 352x288
	Frame Rate		NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality		1 ~ 10 level (CBR/VBR)
Audio	Compression		G.711
	Bi-Directional Communication		Yes
OSD	Camera Control and Adjustment		OSD menu on Video (Menu enter/exit, move by Web UI)
Motion Detection	Sensitivity and Area Setting		High, Medium, Low
Intelligent Video Analytics			Scene Change, Virtual Line, Enter / Exit, Appear / Disappear
Protocol	IP		IPv4 / IPv6
	Network Protocol	IPv4	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming		Unicast, Multicast
	Security		HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering
	DDNS		Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access		Max 10 Users at Unicast Mode, Max 20 Users at Multicast Mode
	User Access Level	Administrator	Live Monitoring, Alarm I/O control, OSD menu control, SETUP
		Operator	Live Monitoring, Alarm I/O control
		User	Live Monitoring
Event	Alarm Input		JPEG Image transfer : FTP
Management	Intelligent Video Detection		JPEG Image Recording : SD memory
	Motion Detection		Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule		JPEG Image transfer : FTP, E-mail / JPEG Image Recording : SD memory
Web Browser	Supported OS		Windows XP, VISTA
Viewer(Default)	Supported Browser		Internet Explorer 6.0 or Higher
	UI Language		E / F / G / S / I / C / K
	S/W upgrade		Using Web viewer UI
Video Player	RTP/RTSP streaming		Quicktime, VLC player
Video Management Software			Samsung NET-i, 3rd Party S/W application
Application	IP Installation		IP Installer Application for All Samsung IP Devices
SDK	HTTP API	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values. Get JPEG image or MJPEG stream, Alarm In/Out control
	RTP/RTSP API		RTP Header, RTSP Command Document
	ActiveX	SDK	ActiveX API for viewing data streams from Network camera

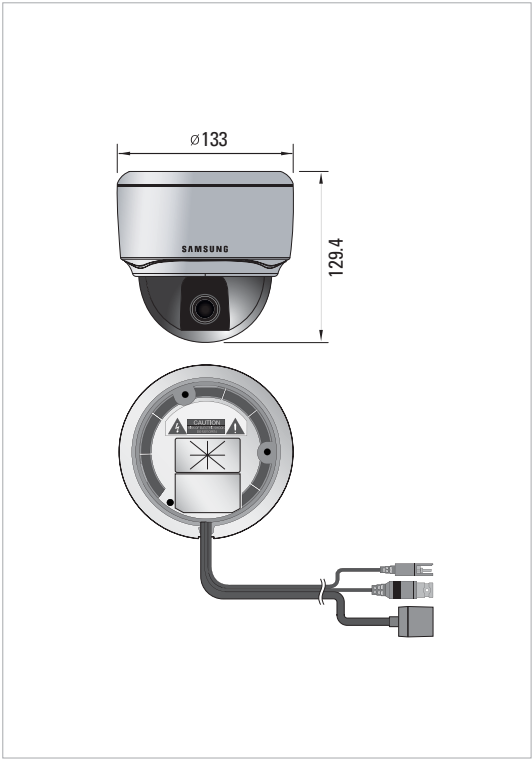# H.264 WDR Mini Dome Network Camera
SNC-B5368　`NEW`

Features

- Indoor Mini Dome
- 2.8~11mm Vari-Focal Lens
- Real-time 30(25)ips at High Resolution (4CIF)
- H.264, MPEG-4 & MJPEG Multiple Encoding
- Progressive Scan
- WDR (Wide Dynamic Range)
- Day/Night Function (Software)
- XDR (eXtended Dynamic Range)
- Motion Adaptive DNR (Dynamic Noise Reduction)
- Privacy Mask (12 ea)
- DIS (Digital Image Stabilizer)
- PoE (Power over Ethernet)

Dimensions (unit:mm)

ø133
129.4

Specifications (Camera)

Model			SNC-B5368
Camera Type	Color/BW		Color
Image	Device		Super-HAD PS CCD
	Size		1/3 inch
	Scan		Progressive Scan (When WDR ON, Interlaced Scan)
	Pixels	Total	NTSC : 811 x 508 / PAL : 795 x 596
		Effective	NTSC : 768 x 494 / PAL : 752 x 582
Scanning	Horizontal	Internal Mode	NTSC : 15,734 Hz / PAL : 15,625 Hz
	Frequency	Line-lock Mode	NTSC : 15,750 Hz / PAL : 15,625 Hz
	Vertical	Internal Mode	NTSC : 59.94 Hz / PAL : 50 Hz
	Frequency	Line-lock Mode	NTSC : 60 Hz / PAL : 50 Hz
Min. Scene	Color	Sens Off	0.12 Lux(15IRE), 0.2 Lux(30IRE), 0.4Lux(50IRE)
Illumination		Sens Up 512x	0.00023 Lux(15IRE), 0.0005 Lux(30IRE), 0.0008Lux(50IRE)
@ F1.2	B/W	Sens Off	0.12 Lux(15IRE), 0.2 Lux(30IRE), 0.4Lux(50IRE)
		Sens Up 512x	0.00023 Lux(15IRE), 0.0005 Lux(30IRE), 0.0008Lux(50IRE)
Functions	Number of Privacy Zone		12 (Polygonal Method)
(OSD Menu)	Day/Night		Color/BW/AUTO(Soft Method)
	eXtended Dynamic Range(XDR)		Off/On (Level Setting)
	Wide Dynamic Range(WDR)		NTSC : Off/On (128x) / PAL : Off/On (160x)
	D-Zoom / PIP		1x ~ 16x (0.1x STEP) **/** Off/On
	High Speed Shutter		NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	Flickerless / Sens Up		Off/On **/** 2x ~ 512x
	BLC		Off/On (Area Setting)
	AGC		Off/On (Max.Level Setting)
	White Balance		ATW1 / ATW2 / AWC / MANUAL
	Digital Noise Reduction(DNR)		Off/On (Adaptive 3D+2D)
	Digital Image Stabilizer(DIS)		Off/On
	Camera ID		Off/On (Max.54ea/2Line)
	Etc. Function		Detail, Reverse(H/V), Posi/Nega
Resolution	Horizontal		600 TV Lines
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p
S/N Ratio	S/N Ratio		52 dB
Lens	Focal Length		2.8 ~ 11mm
	Zoom Ratio		3.9x
	Aperature Ratio		F1.2
	Viewing	Tele	28.8˚(H) x 21.6˚(V
	Angle	Wide	94.6˚(H) x 68.4˚(V)
Environmental	Operating Temperature		-10℃ ~ 50℃
Conditions	Operating Humidity		Less than 90%
Power	Power Requirement		AC24V, DC12V, PoE
	Power Consumption		8W
Physical	Dimensions		129.4(H) x 133(ø) mm
Specification	Weight	Net	523g
	Color	Body	White

Specifications (Network)

Model			SNC-B5368
Network Board	OS		Embedded Linux
	Hardware	Flash memory	32M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100BASE-T)
		Video Out	VBS 1.0Vp-p
		PoE	Yes (IEEE802.3af)
Alarm	Input / Output		2 ea **/** 2 ea
Video	Compression		H.264 / MPEG4 / MJPEG Multiple Codec(H.264 / MPEG4 selectable) Simultaneous Dual Streaming
	Resolution	4CIF	NTSC : 704x480 / PAL : 704x576
		VGA	640 x 480
		CIF	NTSC : 352x240 / PAL : 352x288
	Frame Rate		NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality		1 ~ 10 level(CBR/VBR)
Audio	Compression		N/A
	Bi-Directional Communication		N/A
OSD	Camera Control and Adjustment		OSD menu on Video(Menu enter/exit, move by Web UI)
Motion Detection	Sensitivity and Area Setting		High, Medium, Low
Protocol	IP		IPv4 / IPv6
	Network Protocol	IPv4	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming		Unicast, Multicast
	Security		HTTPS(SSL) Login Authentication, Digest Login Authentication
	DDNS		Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access		Max 10 Users at Unicast Mode, Max 20 Users at Multicast Mode
	User Access Level	Administrator	Live Monitoring, Alarm I/O control, OSD menu control, SETUP
		Operator	Live Monitoring, Alarm I/O control
		User	Live Monitoring
Event	Alarm Input		JPEG Image transfer : FTP
Management	Motion Detection		Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule		JPEG Image transfer : FTP
Web Browser	Supported OS		Windows XP, VISTA
Viewer(Default)	Supported Browser		Internet Explorer 6.0 or Higher
	UI Language		E/F/G/S/I/C/K
	S/W upgrade		Using Web viewer UI
Video Player	RTP/RTSP streaming		Quicktime, VLC player
Video Management Software			Samsung NET-i, 3rd Party S/W application
Application	IP Installation		IP Installer Application for All Samsung IP Devices
SDK	HTTP API	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values. Get JPEG image or MJPEG stream, Alarm In/Out control
	RTP/RTSP API		RTP Header, RTSP Command Document
	ActiveX	SDK	ActiveX API for viewing data streams from Network camera

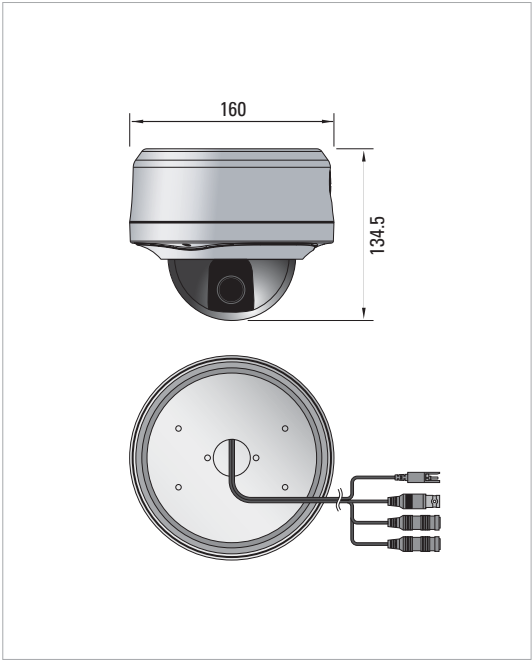# H.264 Anti-vandal Dome Network Camera

SNC-B5399 *NEW*

Features

- Anti-Vandal Dome (IP66 grade)
- 2.8~11mm Vari-Focal Lens
- Fan/Heater built-in for Outdoor Installation
- Real-time 30(25)ips at High Resolution(4CIF)
- H.264, MPEG-4 & MJPEG Multiple Encoding
- Progressive Scan
- WDR (Wide Dynamic Range)
- Day/Night Function (ICR)
- Bi-directional Audio Support
- SD Memory Slot for Internal Recording
- Intelligent Video Analytics
- XDR (eXtended Dynamic Range)
- Motion Adaptive DNR (Dynamic Noise Reduction)
- Privacy Mask (12 ea)
- DIS (Digital Image Stabilizer)
- PoE (Power over Ethernet)

Dimensions (unit:mm)

160
134.5

Specifications (Camera)

Model			SNC-B5399
Camera Type	Color/BW		Color
Image	Device		Super-HAD PS CCD
	Size		1/3 inch
	Scan		Progressive Scan (When WDR ON, Interlaced Scan)
	Pixels	Total	NTSC : 811 x 508 / PAL : 795 x 596
		Effective	NTSC : 768 x 494 / PAL : 752 x 582
Scanning	Horizontal	Internal Mode	NTSC : 15,734 Hz / PAL : 15,625 Hz
	Frequency	Line-lock Mode	NTSC : 15,750 Hz / PAL : 15,625 Hz
	Vertical	Internal Mode	NTSC : 59.94 Hz / PAL : 50 Hz
	Frequency	Line-lock Mode	NTSC : 60 Hz / PAL : 50 Hz
Min. Scene Illumination @ F1.2	Color	Sens Off	0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(5IRE)
		Sens Up 512x	0.00023Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE)
	B/W	Sens Off	0.012Lux(15IRE), 0.02Lux(30IRE), 0.04Lux(50IRE)
		Sens Up 512x	0.000023Lux(15IRE), 0.00005Lux(30IRE), 0.00008Lux(50IRE)
Functions (OSD Menu)	Number of Privacy Zone		12 (Polygonal Method)
	Day/Night		Color/BW/AUTO/EXT(IR Cut Filter)
	eXtended Dynamic Range(XDR)		Off/On (Level Setting)
	Wide Dynamic Range(WDR)		NTSC : Off/On (128x) / PAL : Off/On (160x)
	D-Zoom / PIP		1x ~ 16x (0.1x STEP) / Off/On
	High Speed Shutter		NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	Flickerless / Sens Up		Off/On / 2x ~ 512x
	BLC		Off/On (Area Setting)
	AGC		Off/On (Max.Level Setting)
	White Balance		ATW1 / ATW2 / AWC / MANUAL
	Digital Noise Reduction(DNR)		Off/On (Adaptive 3D+2D)
	Digital Image Stabilizer(DIS)		Off/On
	Camera ID		Off/On (Max.54ea/2Line)
	Etc. Function		Detail, Reverse(H/V), Posi/Nega
Resolution	Horizontal		600 TV Lines
Video Output	VBS 1.0Vp-p		VBS 1.0Vp-p
S/N Ratio	S/N Ratio		52 dB
Lens	Focal Length		2.8 ~ 11mm
	Zoom Ratio		3.9x
	Aperature Ratio		F1.2
	Viewing	Tele	28.8˚(H) x 21.6˚(V)
	Angle	Wide	94.6˚(H) x 68.4˚(V)
Environmental Conditions	Operating Temperature		-40˚C ~ 50˚C (Fan/Heater Built-in)
	Operating Humidity		Above 90% (waterproof)
Power	Power Requirement		AC24V, DC12V, PoE
	Power Consumption		Heater off : 8W / Heater on : 11W
Physical Specification	Dimensions		134.5(H) x 160(ø) mm
	Weight	Net	1,280g
	Color	Body	White

Specifications (Network)

Model			SNC-B5399
Network Board	OS		Embedded Linux
	Hardware	Flash memory	32M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100BASE-T)
		Video Out	VBS 1.0Vp-p
		Audio	Line In / Line Out
		SD Memory Slot	Yes (SD/SDHC)
		PoE	Yes (IEEE802.3af)
Alarm	Input		2 ea
	Output		2 ea
Video	Compression		H.264 / MPEG4 / MJPEG Multiple Codec (H.264 / MPEG4 selectable) Simultaneous Dual Streaming
	Resolution	4CIF	NTSC : 704x480 / PAL : 704x576
		VGA	640 x 480
		CIF	NTSC : 352x240 PAL : 352x288
	Frame Rate		NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality		1 ~ 10 level (CBR/VBR)
Audio	Compression		G.711
	Bi-Directional Communication		Yes
OSD	Camera Control and Adjustment		OSD menu on Video (Menu enter/exit, move by Web UI)
Motion Detection	Sensitivity and Area Setting		High, Medium, Low
Intelligent Video Analytics			Scene Change, Virtual Line, Enter, Exit, Appear, Disappear
Protocol	IP		IPv4 / IPv6
	Network Protocol	IPv4	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming		Unicast, Multicast
	Security		HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering
	DDNS		Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access		Max 10 Users at Unicast Mode, Max 20 Users at Multicast Mode
	User Access Level	Administrator	Live Monitoring, Alarm I/O control, OSD menu control, SETUP
		Operator	Live Monitoring, Alarm I/O control
		User	Live Monitoring
Event Management	Alarm Input		JPEG Image transfer : FTP
	Intelligent Video Detection		JPEG Image Recording : SD memory
	Motion Detection		Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule		JPEG Image transfer : FTP
Web Browser	Supported OS		Windows XP, VISTA
Viewer(Default)	Supported Browser		Internet Explorer 6.0 or Higher
	UI Language		E / F / G / S / I / C / K
	S/W upgrade		Using Web viewer UI
Video Player	RTP/RTSP streaming		Quicktime, VLC player
Video Management Software			Samsung NET-i, 3rd Party S/W application
Application	IP Installation		IP Installer Application for All Samsung IP Devices
SDK	HTTP API	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values. Get JPEG image or MJPEG stream, Alarm In/Out control
	RTP/RTSP API		RTP Header, RTSP Command Document
	ActiveX	SDK	ActiveX API for viewing data streams from Network camera

36x Zoom SmartDome Network Camera
SNC-C7478/C7478C

Features

- Real-time 30(25) ips at High Resolution(D1)
- 432x Zoom Control (Optical 36x, Digital 12x)
- H.264, MPEG-4, MJPEG Multiple Encoding
- Rotating Speed : MAX. 360˚/sec • Digital Image Stabilizer
- Smooth Manual Speed: MIN. 0.05˚/sec
- Day/Night Function (ICR)
- WDR (Wide Dynamic Range)
- Endless 360˚ Pan Rotation • Bi-directional Audio Support
- Shortest Path by Vector Drive Technology
- Micro SD/SDHC Memory Card Slot for Alarm Recording
- Scheduled Preset Function • HTTPS security login support
- Housing Design for Quick installations and Maintenance
- Standard RTP/RTSP support (QuickTime, VLC Player)
- Vandal Proof / Waterproof (IP66 Grade)
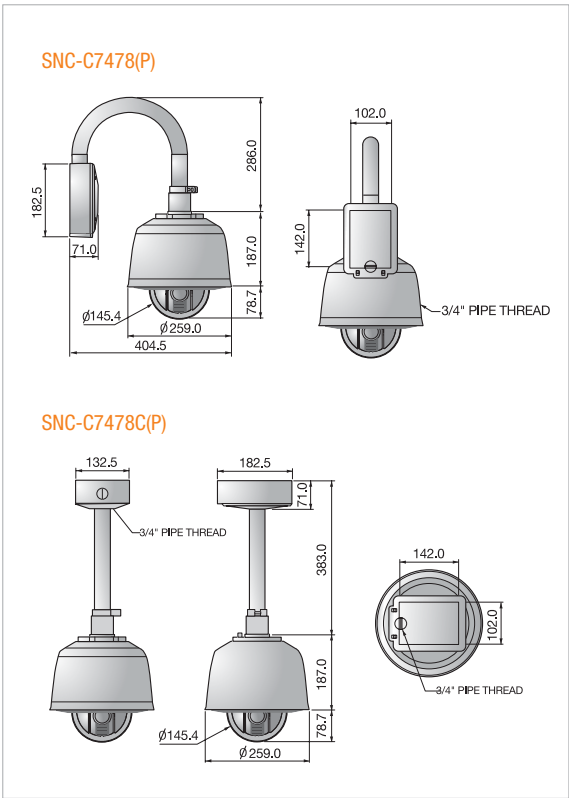- IPv4/IPv6 support

Dimensions (unit:mm)

SNC-C7478(P)

SNC-C7478C(P)

Specifications (Camera)

Model			SNC-C7478(C)			
Camera Type	Color/BW		Color			
Image	Device		1/4" Ex-View HAD Progressive Scan CCD			
Min. Illumination	Color/BW		Level	Sens-up	Color	B/W(S/W)
			50 IRE	Off	1.3 Lux	0.13 Lux
			30 IRE	Off	0.78 Lux	0.078 Lux
			15 IRE	Off	0.39 Lux	0.039 Lux
			50 IRE	64 times	0.0203 Lux	0.00203 Lux
			30 IRE	64 times	0.0122 Lux	0.00122 Lux
			15 IRE	64 times	0.0061 Lux	0.00061 Lux
Resolution	Horizontal		Color : 540TVL BW : 570TVL			
S/N Ratio	S/N Ration		50 dB			
Lens	Focal Length		3.4 ~ 122.4mm			
	Zoom Ratio		36x Optical, 12x Digital			
	Aperature Ratio		F1.6(W) / F4.5(T)			
	Viewing Angle	Tele	1.70˚(H) x 1.27˚(V)			
		Wide	57.80˚(H) x 43.35˚(V)			
	Lens Drive Type		DC Auto Iris			
	Mount Type		Board-in type			
Functions	Number of Privacy Zone		8 ea			
	Day/Night		Auto / Day / Night (IR Cut Filter)			
	Wide Dynamic Range		On/Off			
	Digital Zoom		Yes (~12x)			
PAN/TILT	Speed	Manual Pan	0.05˚~ 360˚/sec			
		Preset Pan	360˚/sec			
		Manual Tilt	0.05˚~ 360˚/sec			
		Preset Tilt	360˚/sec			
	Range	Panning	0˚~ 360˚(Endless)			
		Tilting	180˚			
	Number of Auto PAN		8 ea			
	Number of Preset		127 ea			
	Number of Pattern		4 ea			
Environmental Conditions	Fan / Heater		Yes			
	Operating Temperature		-45˚C ~ +50˚C			
	Operating Humidity		Above 90% (waterproof)			
Power	Power Requirement		AC 24V			
	Power Consumption		24W(Heater OFF) / 57W(Heater ON)			
Physical Specification	Dimensions	SNC-C7478	259(ø) x 552(H) x 404.5(D) mm			
		SNC-C7478C	259(ø) x 649(H) x 259(D) mm			
	Weight	Net	6kg			
	Color	Body	White Grey			
	Sun-Shield		Include			
	Wall-mount / Ceiling-mount		Include			
	Anti Vandal		Yes (IP 66)			

Specifications (Network)

Model			SNC-C7478(C)
Network Board	OS		Embedded Linux
	Hardware	Flash memory	32M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100BASE-T)
		Video Out	VBS 1.0Vp-p
		Audio	Line In / Line Out
		SD Memory Slot	Yes (Micro SD/SDHC)
Alarm	Input		8 ea
	Output		4 ea
Video	Compression		MPEG4 / MJPEG Dual Codec Simultaneous Dual Streaming
	Resolution	D1	NTSC : 720 x 480 / PAL : 720 x 576
		VGA	640x480
		CIF	NTSC : 352 x 240 / PAL : 352 x 288
	Frame Rate		NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality		1 ~ 10 level (CBR / VBR)
Audio	Compression		G.711
	Bi-Directional Communication		Yes
DIS	Digital Image Stabilizer		Yes
Motion Detection	Sensitivity and Area Setting		High, Medium, Low
Protocol	IP		IPv4 / IPv6
	Network Protocol	IPv4	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming		Unicast, Multicast
	Security		HTTPS(SSL) Login Authentication / Digest Login Authentication
	DDNS		Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access		Max 10 Users at Unicast Mode / Max 20 Users at Multicast Mode
	User Access Level	Administrator	Live Monitoring, Alarm I/O control, OSD menu control, PTZ control, SD memory search, SETUP
		Operator	Live Monitoring, Alarm I/O control, PTZ control
		User	Live Monitoring
Event Management	Alarm Input		JPEG Image transfer : FTP
			JPEG Image Recording : SD memory
	Motion Detection		Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule		JPEG Image transfer : FTP, E-mail / JPEG Image Recording : SD memory
Web Browser Viewer (Default)	Supported OS		Windows XP, VISTA
	Supported Browser		Internet Explorer 6.0 or Higher
	S/W upgrade		Using Web viewer UI
Video Player	RTP/RTSP streaming		Quicktime, VLC player
Video Management Software			Samsung NET-i, 3rd Party S/W application
Application	IP Installation		IP Installer Application for All Samsung IP Devices
SDK	HTTP API	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values.
			Get JPEG image or MJPEG stream Alarm In/Out control
	RTP/RTSP API		RTP Header, RTSP Command Document
	ActiveX	SDK	ActiveX API for viewing data streams from IP camera.

10x Zoom Mini SmartDome Network Camera
SNC-C6225/C7225

Features

- Real-time 30(25) ips at High Resolution(D1)
- 100x Zoom Control (Optical 10x, Digital 10x)
- MPEG-4 & MJPEG Dual Encoding
- Rotating Speed : MAX. 360°/sec
- Digital Image Stabilizer
- Day/Night Function (ICR)
- Smooth Manual speed : MIN. 0.05 °/sec
- Bi-directional Audio Support
- Endless 360° Pan Rotation
- Micro SD Memory Card Slot for Alarm Recording
- Shortest Path by Vector Drive Technology
- HTTPS security login support
- Standard RTP/RTSP support (QuickTime, VLC Player)
- Scheduled Preset Function
- Vandal Proof/ Weather Proof   • IPv4/IPv6 support
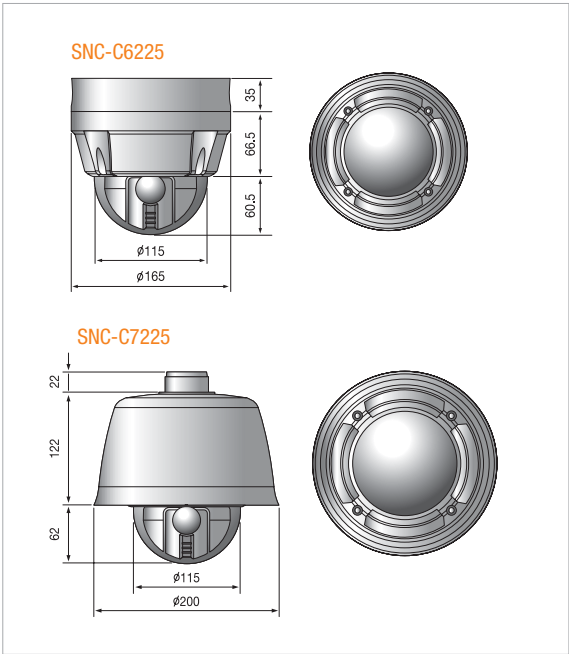- Fan/Heater for Outdoor Installation : SNC-C7225

Dimensions (unit:mm)

SNC-C6225

SNC-C7225

Specifications (Camera)

Model			SNC-C6225	SNC-C7225
Camera Type	Color/BW		Color	
Image	Sensor Device		1/4" Inter Line Transfer CCD	
Resolution	Horizontal		Color : 520TVL BW : 570TVL	
S/N Ratio			50dB	
Lens	Focal Length		3.8 ~ 38mm	
	Zoom Ratio		10x Optical, 10x Digital	
	Aperature Ratio		F1.8(W)	
	Viewing Angle	Tele	5.58°(H) x 4.27°(V)	
		Wide	51.2°(H) x 39.3°(V)	
	Lens Drive Type		DC Auto Iris	
	Mount Type		Board-in type	
Min. Scene	Color		0.7 Lux (50 IRE)	
Illumination	B/W		0.02 Lux (50 IRE)	
PAN/TILT	Speed	Manual Pan	0.05 ~ 360°/sec	
		Preset Pan	360°/sec	
		Manual Tilt	0.05 ~ 360°/sec	
		Preset Tilt	360°/sec	
	Range	Panning	0 ~ 360°(endless)	
		Tilting	180°	
	Number of Auto PAN		8 ea	
	Number of Preset		127 ea	
	Number of Pattern		4 ea	
Functions	Number of Privacy Zone		4 ea	
	Day/Night		Auto/Day/Night (IR Cut Filter)	
	Digital Zoom		Yes(~ 10x)	
	High Speed Shutter		1/60 ~ 1/12,000 sec	
	Sens Up		Off/Auto	
	BLC		Low/Middle/High/Off	
	AGC		Normal/High/Off	
	White Balance		Auto/Manual(Red,Blue Gain Adj.)	
Environmental	Fan / Heater		N/A	Yes
Conditions	Operating Temperature		-10°C ~ +50°C	-40°C ~ +50°C
	Operating Humidity		Above 90% (Waterproof)	
Power	Power Requirement		DC12V	
	Power Consumption		12W	Heater Off(12W)/On(24W)
Physical	Dimensions		165(ø) x 162(H) mm	200(ø) x 184(H) mm
Specification	Weight		1.8kg	2.4kg
	Color	Body	Pearl White	
	SunSheild		N/A	Yes
	Option Bracket		SADT-937WM	SADT-732WM(Wall)
				SADT-732CM(Ceiling)
	Anti Vandal		Yes (IP 66)	

Specifications (Network)

Model			SNC-C6225 / C7225
Network Board	OS		Embedded Linux
	Hardware	Flash memory	32M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100BASE-T)
		Video Out	VBS 1.0Vp-p
		Audio	Line In / Line Out
		SD Memory Slot	Yes (Micro SD/SDHC)
Alarm	Input / Output		2 ea / 1 ea
Video	Compression		MPEG4 / MJPEG Dual Codec Simultaneous Dual Streaming
	Resolution	D1	NTSC : 720 x 480 / PAL : 720 x 576
		VGA	640 x 480
		CIF	NTSC : 352 x 240 / PAL : 352 x 288
	Frame Rate		NTSC : 30, 15, 8, 3, 1 fps / PAL : 25, 13, 6, 3, 1 fps
	Quality		1 ~ 10 levell (CBR / VBR)
Audio	Compression		G.711
	Bi-Directional Communication		Yes
DIS	Digital Image Stabilizer		Yes
Motion Detection	Sensitivity and Area Setting		High, Medium, Low
Protocol	IP		IPv4 / IPv6
	Network Protocol	IPv4	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming		Unicast, Multicast
	Security		HTTPS(SSL) Login Authentication / Digest Login Authentication
	DDNS		Supporting Samsung DDNS and Public DDNS services
Connection	Maximum User Access		Max 10 Users at Unicast Mode / Max 20 Users at Multicast Mode
	User Access Level	Administrator	Live Monitoring, Alarm I/O control, OSD menu control, PTZ control, SD memory search, SETUP
		Operator	Live Monitoring, Alarm I/O control, PTZ control
		User	Live Monitoring
Event Management	Alarm Input		JPEG Image transfer : FTP
			JPEG Image Recording : SD memory
	Motion Detection		Notification : notify to viewer or by E-mail (one image attachment), Alarm Out
	Schedule		JPEG Image transfer : FTP, E-mail / JPEG Image Recording : SD memory
Web Browser	Supported OS		Windows XP, VISTA
Viewer(Default)	Supported Browser		Internet Explorer 6.0 or Higher
	S/W upgrade		Using Web viewer UI
Video Player	RTP/RTSP streaming		Quicktime, VLC player
Video Management Software			Samsung NET-i, 3rd Party S/W application
Application	IP Installation		IP Installer Application for All Samsung IP Devices
SDK	HTTP API	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values.
			Get JPEG image or MJPEG stream Alarm In/Out control
	RTP/RTSP API		RTP Header, RTSP Command Document
	ActiveX	SDK	ActiveX API for viewing data streams from IP camera.

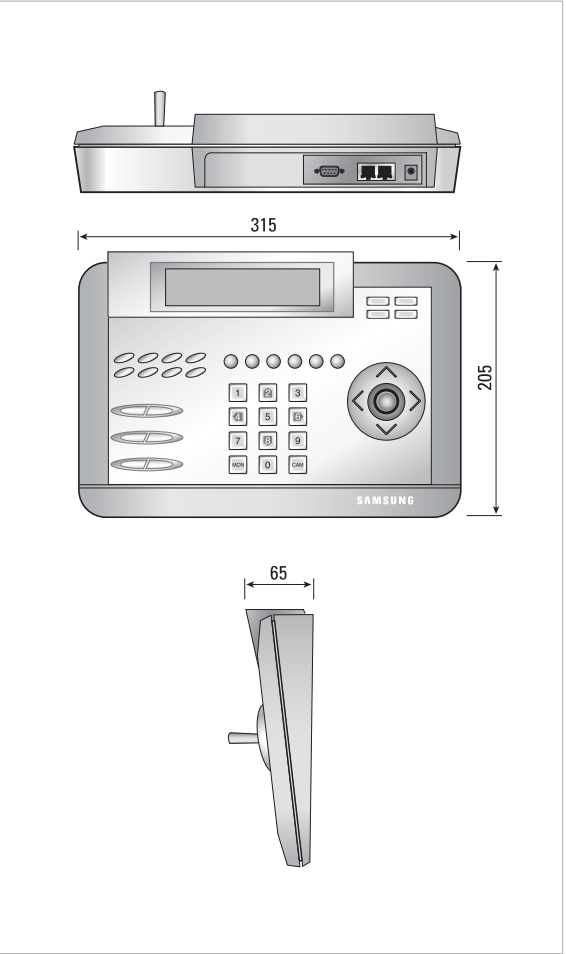# CONTROLLER

System Controller
SSC-1000

Features

- Long-range control (max: 1.2km) through the RS-485 communication
- Up to 128 SmartDome cameras can be controlled at once
- Multiple system controllers can be used (up to 8 units)
- Multiple camera protocol support

Specifications

Model		SSC-1000
Communication Port	Signal	RS-485
	Connector-Type	Modular-Type x2, D-Sub x1
	Baud Rate	1,200/2,400/4,800/9,600/19,200/38,400 bps
Display	LCD	20X4 Line
	LED	Menu, Preset, Pattern, Scan, Auto-Pan, Reset(Alarm)
Switching & Control	Pan/Tilt & Lens Control	Pan : Left/Right
		Tilt : Up/Down
		Iris : Open/Close
		Focus : Far/Near
		Zoom : Tele/Wide
		Preset, Auto pan, Scan, Pattern
	External Device Control	Aux1, Aux2, Aux3, Aux4
Multi Protocol(camera)		Pelco-D, Pelco-P, Vicon, Panasonic, GE-Knalatel, Diamond American Dynamic, Philips, Erna, VCLTP, Samsung, Honeywell, Techwin
Power Requirment		DC9V, 600mA
Weight		1.1Kg
Dimension		315(W) x 65(H) x 205(D) mm

Dimensions (unit:mm)

315

205

65

Controller

SSC-1000　　　　　　　SSC-5000　　　　　　　SCX-RD100

TFT Color LCD Touch Screen System Keyboard
SSC-5000

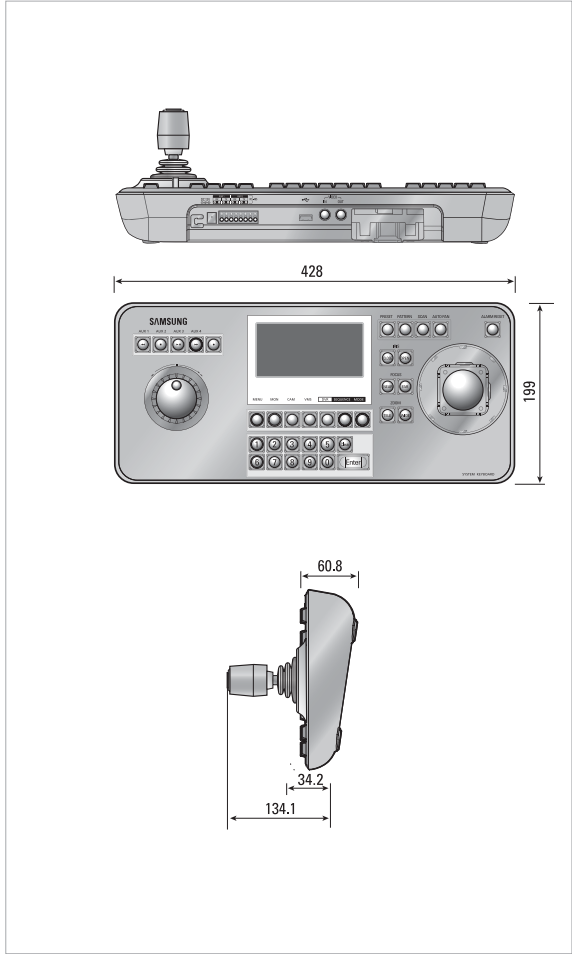## System Controller
SCX-RD100

Features

- Camera & DVR control
- 4.3" TFT color LCD touch panel
- 3D joystick (pan / tilt / zoom control)
- Jog shuttle (DVR playback control)
- Pan/tilt & lens control (iris, focus, zoom)
- Multiple camera protocol support
- 2 ports RS-485 control interface
- USB 2.0 interface for S/W upgrade

Specifications

| Model		SSC-5000
Display	LCD Panel	4.3" TFT LCD Panel + Touch Panel
		Effective Display Area : 95.040(H) x 53.856(V)mm
		Number of Dots : 1440(H) x 272(V)
		Dot Pitch : 66.0(H) x 198.0(V)
	LED	Monitor, Camera, DVR, VMS
Switching & Control	Pan/Tilt & Lens Control	Pan : Left/Right, Tilt : Up/Down
		Iris : Open/Close, Focus : Far/Near
		Zoom : Tele/Wide
		Preset, Auto Pan, Scan, Pattern
	DVR Control	SW : RW, Stop, Play, FF, Rec
		Jog/Shuttle : Forward/Reverse/Play/Reverse Play/FF/RW
Multi Protocol(camera)		Pelco-D, Pelco-P, Vicon, Panasonic, GE-Knalatel, Diamond, American Dynamic, Philips, Erna, VCLTP, Samsung, Honeywell, Techwin
Power Requirment		DC12V
Weight		1.415kg
Dimension		428(W) x 137(H) x 199(D) mm

Dimensions (unit:mm)

428
199
60.8
34.2
134.1

Features

- Control via Coaxial Cable or RS-485
- Camera connected : 1unit
- Cable Extension : Max. 500m (with 5C-2V cable)
- External Control Interface : RS-232C, RS-485
- Power Input : DC12V Adaptor or 4AA Battery

Specifications

Model		SCX-RD100
Control		Coaxial Cable (Samsung camera-A1 camera series)
		RS-485 (Multi-Protocol)
Signal	Input	Composite Video
	Output	VBS 1.0Vp-p/75ohms
Cable	Extension	Max. 500m (with 5C-2V cable)
	Compensation	2 steps by a switch
External Control Interface		RS-232C, RS-485
Power		DC12V Adaptor, 4AA Battery
Weight		200g
Dimension		150(W) x 34(H) x 101.5(D) mm

Dimensions (unit:mm)

2
32
150
7
101.5

EZ VIEW

EZ View

SHR-1041K
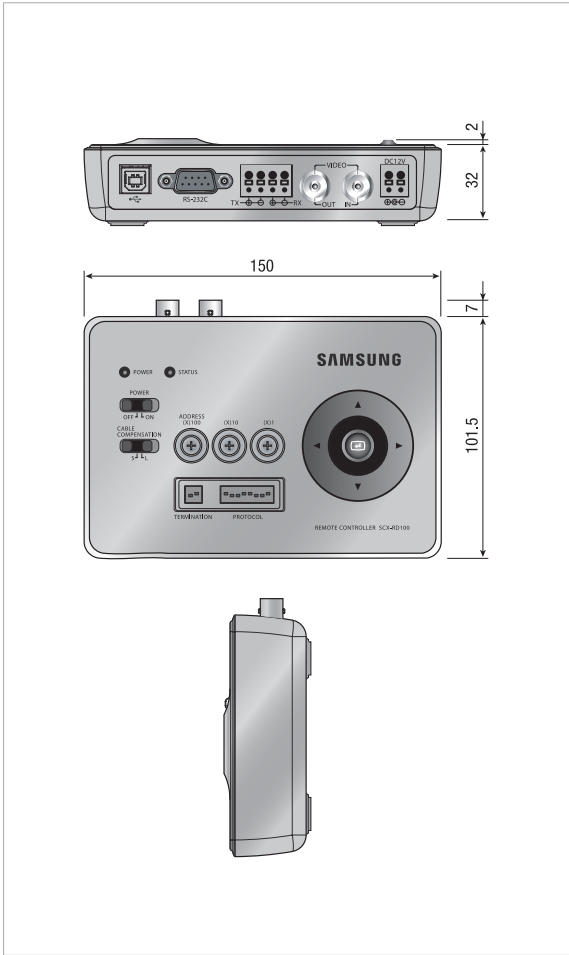
Easy Connectivity with Display

- Money Saving : Compatible with Any LCD Monitor or TV at Your Home
- VGA & Composite Supported

TV & Monitor

Dynamic Quad View

- Display Mode : Single, Quad, Sequence
- Motion Detection Function

Weather Resistant Camera

- IP 42 Grade
- Light Rain & Snow Resistant
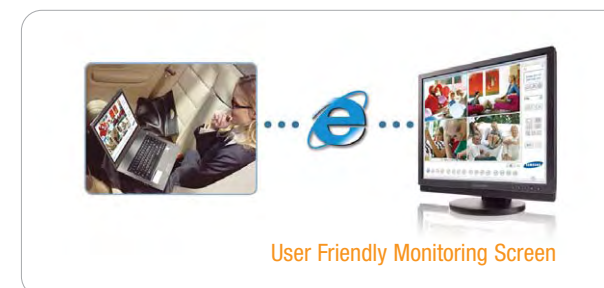- Cold & Hot Weather Resistant

Night Vision Camera

- Built in Infra-Red LED Equipped Cams
- 1/4" Super HAD IT CCD
- Min. Low Illumination -Normal : 2 LUX(Color)   - Night : 0 LUX(B/W)

Infra-Red

User Friendly Web Viewer

- Remote Monitoring Via Easy-To-Use Interface
- Live, Record and Playback on Web Viewer

User Friendly Monitoring Screen

Eco-Friendly Compliance

- RoHS Compliance: Strongly Restricts Hazardous Substances
- Recyclable: Eco-Friendly Packaging Material
- Energy Saving: Low Consumable Electricity Power Device

RoHS compliant
LEAD-Free soldering
ECO friendly packging

Recycling

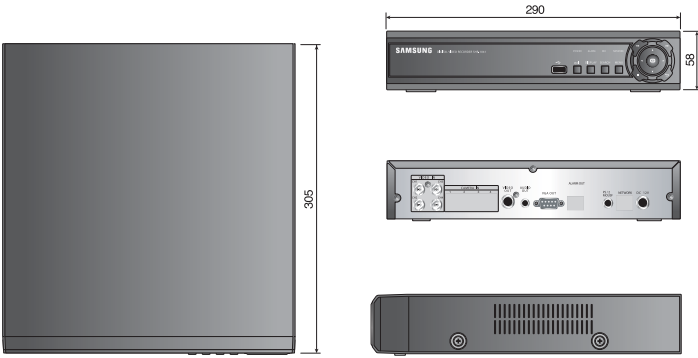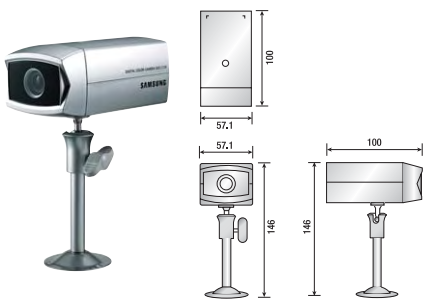# EZ View : 4Ch Real-time DVR *Plug & Secure!*

SHR-1041K

Features

- Simple & Easy Installation
- Easy Backup (USB 2.0) & Easy User Interface
- Easy Connectivity with Any Monitor & TV (VGA, Composite)
- Dynamic Quad View: Single, Quad, Sequence

- Motion Detection
- Functional Cameras: Weather Resistant & Night Vision
- Eco-Friendly Compliance (ROHS)
- User Friendly Web Viewer

Dimensions (unit:mm)

SHR-1041K

290

58

305

Weather Resistant Camera : SOC-C120

100
57.1
57.1
100
146 146

Night Vision Camera : SOC-N120

124
64
64
124
151.8 151.8

Night Vision Camera(Metal) : SOC-N121

119.3
63
63
119.3
151.8 151.8

Specifications

Model	SHR-1041K	
Video Input	4 Camera Inputs (RJ11 4EA, BNC 4EA)	
Video Output	1 Composite Video Output(BNC), 1 VGA Main Monitor Output	
Audio	MIC 4 Inputs (RJ11), 1 Output (RCA)	
Main Display	120CIF/sec(NTSC), 100CIF/sec(PAL)	
	1/4/Sequential	
Motion Detection	10 step sensitivity	
Alarm Input	4 Alarm Inputs(RJ11)	
Alarm Output	1 Alarm Outputs(Relay), Normally Open or Normally Closed Programmable	
PTZ	1 RS-485	
User Interface	English, French, and Spanish	
	GUI with full mouse operation	
	Keypad, Remote controller	
Recording	MEPG-4(half-pel motion vector), G.711(64Kbps)	
	NTSC : Max 120FPS(CIF), 60FPS(Half D1), 30FPS(D1)	
	PAL : Max 100FPS(CIF), 50FPS(Half D1), 25FPS(D1)	
	Channel independent recording setup for resolution, frame rate and quality	
	Mode : Simple, Advanced(Manual, Motion, Alarm, Schedule, Panic)	
	Schedule : 24 different recording configuration is possible in a day	
	Various Video Quality (Highest/ High/ Standard/ Low)	
	Pre-recording (max 5 sec)	
Play Back	Search mode : Calendar/Timeline, Event/Log	
	x1, x2, x4, x8, x16, x32, x64	
	1 / 4 multi screen playback	
Performance	Triplex (Playback, Recording, Network)	
Archiving	USB interfaced storage, Watermark	
Time	GMT time zone, Auto DST, NTP support	
System	Embedded Linux, Watch dog, Abnormal shutdown detection	
	System auto recovery	
	User group : admin, manager, guest	
	F/W upgrade : USB	
Network	RJ45, 10/100Mbps	
	Up to 4 connection simultaneously	
	DHCP, DDNS	
	Bandwidth Management	
Remote Client	Web Viewer	
Storage	1 SATA	
	up to 2 terabyte of internal storage	
	Format / Write once / Overwriting	
Event	Sensor / Motion / Video Loss / HDD failure	
	Triggers recording, alarm out, e-mail notification, buzzer, video popup or log	
Interface	1 High speed USB2.0 port (front)	
	1 RJ-45, 1 RS-485, 1 PS/2	
Power	DC 12V / 4A Adaptor	
Operating Temperature	0℃ ~ 40℃ (32℉ ~ 104℉)	
Dimension	280mm(W) x 305mm(D) x 60mm(H)	
Camera Cable Length	100ft Guaranteed	

Model	SOC-C120	SOC-N120
Power Source	DC 12V	
Broadcasting	NTSC	
Image Device	1/4 Inch IT S-HAD CCD	
Effective Pixels	525 lines	
Scanning Method	20 interlace	
Line Frequency	Horizontal : 15,734hz, Vertical 60hz	
Weather Resist	IP-42	
Synchronization	INT	
Resolution	320 TV Lines	
S/N Ratio	42db	
Min. Scene Illumination	2LUX	
Electronic Shutter	ELC	
Signal Output	Composite Video RJ11	
Lens	Focal Lengt:3.9mm Apeture(f):2.0	
Operating Temperature	0 ~ 40℃	
Operating Humidity	~ 90%	
Dimension	57(W) x 47.2(H) x 100.5(L)mm / 2.25(W) x 1.86(H) x 3.95(L)inch	
Weight	130g	
Light Condition		Light Sensor Auto Switching
		IR LED Control

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